

# ARMY



# NAVY

GAZETTE OF THE  
REGULAR

## JOURNAL.

AND VOLUNTEER  
FORCES.

VOLUME XXVIII—NUMBER 8.  
WHOLE NUMBER 1417.

NEW YORK, SATURDAY, OCTOBER 18, 1890.

SIX DOLLARS PER YEAR.  
SINGLE COPIES, FIFTEEN CENTS.

17 and 19  
MAIDEN LANE,

### HARTLEY & GRAHAM,

NEW YORK,  
U. S. A.

LEE DETACHABLE MAGAZINE RIFLE.

GOVERNMENT  
CONTRACTORS.



Cable Address:  
HARTLEY,  
NEW YORK.

WAR MATERIAL.

REMINGTON BREECH-LOADING

RIFLES AND CARBINES,

CARTRIDGES, REVOLVERS,

GATLING GUNS, ETC.

AMMUNITION FOR GATLING

AND OTHER MACHINE GUNS.

THE REMINGTON ARMS CO.,



MAGAZINE.



BELT.

LEE MAGAZINE RIFLES.

AND CARBINES, AS ADOPTED

BY THE BRITISH GOVERNMENT

AFTER THE MOST EXHAUSTIVE

TESTS AND IN COMPETITION

WITH ALL THE NOTED

MAKERS OF EUROPE.

THE GATLING GUN CO.

THE UNION METALLIC CARTRIDGE CO.,  
BRIDGEPORT, CONN., U. S. A.



## AMMUNITION.



Cartridges, Shells and Bullets for all Sporting and Military Arms, Paper and Brass Shot Shells  
Wads, Primers, Caps, Etc.

HARTLEY & GRAHAM, EXPORT AGENTS, NEW YORK, U. S. A.

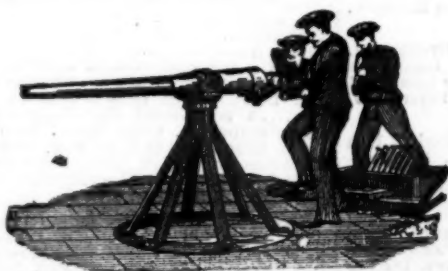
## HOTCHKISS ORDNANCE COMPANY,

1503 PENNSYLVANIA AVENUE, WASHINGTON, D. C.

21 Rue Royale. Paris: 49 Parliament Street, London 8 Moika. St. Petersburg

MANUFACTURERS OF LIGHT ARTILLERY,  
AND HOWELL AUTOMOBILE TORPEDOES.

Designs and estimates furnished for the complete armament of vessels. Full batteries for naval and auxiliary ships furnished and mounted in place at short notice. Complete batteries and equipments furnished for Mountain and Field Artillery. Designs, estimates, and material furnished for the protection of harbors and channels by mines, torpedoes, artillery, and floating obstructions. Yacht guns and ammunition of standard Hotchkiss material.



THE DRIGGS ORDNANCE CO.

700 14th ST., WASHINGTON.

The Driggs-Schroeder Ordnance Co. Limited.  
24 AUSTIN FRIARS, LONDON.

Rapid Fire Guns of all calibres. Recoil and non-recoil mounts. Light Guns for Yachts,  
AMMUNITION OF THE HIGHEST GRADE.

## REED & BARTON,

MANUFACTURERS OF

### SILVER PLATED TABLE WARE,

Embracing Everything Required for Use or Decoration of the Table.  
37 UNION SQUARE, NEW YORK.

Factories Established at Taunton, Mass., 1824.

## TOBIN

Tensile Strength upwards of 70,000 lbs. per sq. inch  
Torsional Strength equal to the best Machinery  
Steel. Anti-Frictional and Non-Corrosive.

## BRONZE

CAN BE FORGED HOT.  
Rods for pumps and bolts, Yacht shafting, Spring  
wire, rolled sheets and plates for pump linings,  
and condenser tube sheets, etc.

ANSONIA BRASS AND COPPER CO.

SOLE MANUFACTURERS,

Send for Circular.

CHICAGO.

NEW YORK.

Publication Office 240 Broadway N. Y.

## PERSONAL ITEMS.

LIEUTENANT M. F. JAMAR, 15th U. S. Inf., is visiting friends in East Baton Rouge Parish, La.

LIEUTENANT B. A. BYRNE, 6th U. S. Inf., left Columbus, Ohio, this week for the Pacific Coast.

CAPTAIN G. A. CORNISH, 15th U. S. Inf., is a recent addition to the garrison of Fort Buford, N. D.

ADJUTANT F. W. SIBLEY, 2d U. S. Cav., has taken charge of recruiting matters at Fort Lowell, Ariz.

LIEUTENANTS G. D. MOORE and C. J. SYMONDS, 18th U. S. Inf., are recent arrivals at Ft. Clark, Tex.

CAPTAIN W. S. ALEXANDER, U. S. A., rejoined at Fort Monroe, Va., early in the week from a short leave.

LIEUTENANT-COLONEL R. H. HALL, 6th U. S. Inf., will spend the greater part of the winter at Los Angeles, Cal.

LIEUTENANT R. MCA. SCHOFIELD, 4th U. S. Cav., is expected to arrive at Vancouver Barracks early next week.

CHAPLAIN DELMAR R. LOWELL, U. S. A., on a few weeks' leave from Fort Warren, Mass., is visiting at Rutland, Vt.

GENERAL O. B. WILLCOX, U. S. A., visited in New York City this week, making his headquarters at the Grand Hotel.

LIEUTENANT T. R. ADAMS, 5th U. S. Art., rejoined at Fort Monroe, Va., early in the week from a visit to New York City.

GENERAL JOHN GIBBON, U. S. A., was expected to return to San Francisco this week with his family from Vancouver Barracks.

COLONEL J. R. SMITH, U. S. A., Medical Director on the staff of Gen. McCook, has returned to Los Angeles from a trip to Arizona.

CAPTAIN W. N. TIDBALL, 1st U. S. Inf., has relinquished recruiting duty at Pittsburg, and entered upon similar duty at Philadelphia, Pa.

LIEUTENANT M. C. RICHARDS, 2d U. S. Art., lately on temporary duty at Governor's Island, N. Y., was expected at Fort Warren, Mass., this week.

LIEUTENANTS M. W. ROWELL and L. J. FLEMING, 2d U. S. Cavalry, are recent additions to the commissioned circle at Fort Huachuca, Arizona.

CAPTAIN F. D. GARRETT, 17th U. S. Infantry, was expected in New York City this week, on his way to Davis Island for a tour of recruiting duty.

LIEUTENANT CHARLES P. ELLIOTT, 4th U. S. Cavalry, has bid adieu to friends in Washington and vicinity, and is now en route to Fort Sherman, Idaho.

QUARTERMASTER-GENERAL R. N. BATCHELDER, U. S. A., has returned to Washington from a visit to Fort Leavenworth as member of the Military Prison Board.

MAJOR E. C. WOODRUFF, 5th U. S. Inf., who has been visiting relatives at Morristown, N. J., for some time past, has had his leave extended two months.

LIEUTENANT H. L. RIPLEY, 3d Cav., U. S. A., has left Fort Brown, Tex., for a two months' stay at the Army and Navy Hospital, Hot Springs, Ark., for treatment.

CAPTAIN A. V. CHERBONNIER, medical storekeeper, U. S. A., was duly retired for age on Oct. 12 last. We briefly referred to his long and faithful service last week.

CAPTAIN A. H. YOUNG, assistant-quartermaster, U. S. A., who has been sick for some time past, has relinquished active duty and taken station at his home at Dover, N. H.

LIEUTENANT HENRY LEARNARD, 19th U. S. Infantry, under recent orders, has changed base from Fort Wayne to Fort Mackinac, Mich., where he joins Smith's Company.

LIEUTENANT W. O. CORY, 15th U. S. Infantry, who has been at Jackson Barracks, La., for some time past, has relinquished active duty and gone to his home to await retirement.

MR. AND MRS. H. B. LOCKWOOD, who have many friends in the Army and Navy, have left the United States for a visit to Japan and China. Their first stopping place will be Yokohama, Japan.

LIEUTENANT E. L. LOVERIDGE, 11th U. S. Infantry, in charge of the quartermaster and subsistence departments at Fort Niagara, N. Y., has, under recent orders, joined Sanderson's company at that post.

MR. JOHN EMMETT CARLAND, lawyer, of Sioux Falls, Dakota, son of the late Captain John Carland, 6th U. S. Infantry, joined the Minnesota Commandery of the Loyal Legion on Tuesday of this week.

MRS. CUSTER, who has been visiting several of her gallant husband's Army friends in Montana and the Dakotas, is finishing up the Chicago postscript of her trip, and is liable to reach home any day.—*N. Y. Tribune.*

"MANY happy returns of the day" to Capt. A. V. Cherbonnier, U. S. A., born Oct. 12; to Col. G. H. Mendell, C. E., born Oct. 12; to Major R. F. Bernard, 8th Cav., born Oct. 14; to Lieut.-Col. W. B. Hughes, Q. M. D., born Oct. 13; to Col. W. R. Shafter, 1st Inf., born Oct. 16, and to Major A. F. Rockwell, Q. M. D., born Oct. 17.

WARREN POST, G. A. R., of Brooklyn, is to raise a bronze statue to Major Gen. Gouverneur Kemble Warren, U. S. A., in the Cemetery of the Evergreen. The statue represents Gen. Warren, who was Chief Topographical Engineer under Gen. Hooker at the battle of Gettysburg, at the moment during the second day's battle when, in exploring Little Round Top, he discovered Hood's Texans about to occupy the heights.

CAPTAIN E. W. STONE, 21st U. S. Infantry, is a recent arrival at Springfield, Mass.

LIEUTENANT J. M. NEALL, 4th U. S. Cavalry, is a recent arrival at Fort Sherman, Idaho.

MAJOR J. A. P. HAMPSON, U. S. A., and Mrs. Hampson, lately home from Europe, are in Washington, D. C.

CAPTAIN S. R. WHITALL, 16th U. S. Inf., returned to Fort Douglas, Utah, this week from a fortnight's leave.

COLONEL INNIS N. PALMER, U. S. A., retired, registered at the Everett House, New York City, early in the week.

LIEUTENANT T. B. DUGAN, 3d U. S. Cav., is a recently qualified sharpshooter. He also qualified in 1887, '88 and '89.

CAPTAIN THOMAS B. HUNT, U. S. A., is a recent addition to the list of patients under treatment at Hot Springs, Ark.

CAPTAIN C. N. B. MACAULEY, Assistant Surgeon, U. S. A., was expected to arrive this week at Fort Supply, I. T., for duty.

LIEUTENANT GUY H. PRESTON, 9th U. S. Cav., joined at Fort Myer, Va., Oct. 12, and is now on active duty at that post.

MAJOR W. A. MARTE, Ordnance Department, U. S. Army, has now got comfortably settled in San Antonio, his new post of duty.

LIEUTENANT C. W. HOBBS, 3d U. S. Art., under orders of this week changes station from Washington Barracks to Fort McHenry, Md.

CAPTAIN PHILIP READE, 31 U. S. Infantry, lately on staff duty in Chicago, has taken command of his company at Fort Meade, South Dakota.

LIEUTENANT W. H. C. BOWEN, 5th U. S. Infantry, is in New Haven, Conn., in charge of the temporary recruiting rendezvous in that city.

GENERAL DANIEL BUTTERFIELD is the favorite of the Business Men's Republican Organization of New York City for Mayor at the approaching election.

CAPTAIN E. G. MATHEY, 7th U. S. Cav., on recruiting duty, has settled at Chicago for the winter and has his office at 10 South Clark street, in that city.

MAJOR W. E. WATERS, Surgeon, U. S. A., has returned to Vancouver Barracks from a medical tour of inspection to the posts in Washington and Idaho.

LIEUTENANT-COLONEL L. L. LIVINGSTON, 3d U. S. Artillery, has rejoined at Fort McHenry, Md., from a few months' leave and resumed command of the post.

CAPTAIN GEORGE MITCHELL, 2d U. S. Art., on sick leave from Fort Adams, R. I., has been visiting in Washington, and was to leave there for the South this week.

MAJOR H. C. HASBROUCK, 4th U. S. Artillery, now on a few weeks leave, will join at Fort Barrancas, Fla., early in November, and settle down there for the winter.

LIEUTENANT-COLONEL A. G. ROBINSON, U. S. A., has returned to New Orleans from leave spent in the North, and has resumed charge of the Q. M. Depot in that city.

ADJUTANT EATON A. EDWARDS, 25th U. S. Inf., has now got comfortably settled at Fort Missoula, Mont., and finds his new surroundings and duty quite agreeable.

CAPTAIN J. M. INGALLS, 1st U. S. Artillery, who has been on special professional duty for the past three months, has returned to duty at the Artillery School, Fort Monroe, Va.

GENERAL GEORGE D. RUGGLES, U. S. A., who arrived at Governor's Island, on Sunday morning last, took charge of the A. G. O., Division of the Atlantic, on Monday, Oct. 13.

MAJOR JOHN BROOKE, Surgeon, U. S. A., after an exceedingly pleasant tour of duty at Fort Monroe, Va., is packing up for Fort Leavenworth, Kas., by no means an unpleasant station.

LIEUTENANT W. W. WOTHERSPOON, 12th U. S. Infantry, who is on special duty at Mr. Vernon Bks., Ala., in charge of the Indian prisoners, visited friends in New York City this week.

MAJOR L. C. FORSYTH, U. S. A., returned to Boston, Mass., this week, from a visit to Washington and other places, and is now preparing to start for Santa Fe, N. M., his new post of duty.

MAJOR GENERAL O. O. HOWARD, U. S. A., accompanied by Lieut. Treat, A. D. C., were visitors in Baltimore this week and afterwards visited Gettysburg, returning to Governor's Island on Thursday.

CAPTAIN R. J. GIBSON, Assistant Surgeon, U. S. A., who is closing up his affairs at Fort Trumbull, Conn., will spend until the latter part of January next on leave and then join at Fort Sam Houston, Texas.

MAJOR GEO. W. MCKEE, Ordnance Department, U. S. A., under recent orders, changes base from Pittsburg to Frankford Arsenal, Pa., to command the latter in succession to the late Colonel T. G. Baylor.

MRS. TAYLOR, wife of Lieut. Frank Taylor, 14th U. S. Inf., has returned to Washington, D. C., accompanied by her daughter, Mrs. E. A. Strout. Mrs. Strout will spend a portion of the winter with her parents in Washington.

COLONEL J. P. MARTIN, U. S. A., Adjutant-General of the Dept. of Texas, was expected to return to San Antonio this week from a fortnight's leave. During his absence his office has been in charge of Adj. C. H. Heyl, 23d U. S. Infantry, a very capable staff officer.

THE Buffalo Sunday Courier, of Oct. 12, contained a four-column article on "Enlisting for a Commission," by Charles W. Dobbins, of the local editorial staff of that paper. Many of the experiences detailed are his own, as in February, 1890, he went to Fort Myer, Va., to enlist in Troop B, 4th Cav., but the post surgeon rejected him on account of myopia.

GENERAL JOHN MOORE, U. S. A., is a recent visitor to relatives at Fort Sherman, Idaho.

MAJOR D. N. BASH, daymaster, U. S. A., was a late visitor at Division Headquarters, Chicago.

CAPTAIN O. M. SMITH, C. S., U. S. A., was visiting old friends last week at Army Headquarters, Chicago.

LIEUTENANT C. D. VANCE, 16th U. S. Infantry, has taken charge of recruiting matters at Fort Du Chesne, Utah.

LIEUTENANT J. A. LOCKWOOD, 17th U. S. Infantry, is a recent visitor at Fort Leavenworth en route East on leave.

LIEUTENANT J. M. T. PARTELLI, 5th U. S. Infantry, sailed for Europe on Wednesday on the steamship *Friesland*.

CAPTAIN CONSTANT WILLIAMS, 7th U. S. Inf., is a recent addition to the recruiting detail at Columbus Barracks, Ohio.

LIEUTENANT C. P. RUSS, 11th U. S. Infantry, has joined Matile's company at Madison Barracks, Sackett's Harbor.

LIEUTENANT-COLONEL JOSHUA S. FLETCHER, 2d U. S. Infantry, who is not at present on duty with his regiment, is residing in Philadelphia.

MRS. KINZIE, widow of Lieut. George H. Kinzie, 15th U. S. Infantry, has taken up her residence for the present at 509 La Salle Ave., Chicago.

CAPTAIN F. D. BALDWIN, 5th U. S. Infantry, is a recent caller at the headquarters of his old commander, Gen. Nelson A. Miles, in Chicago.

CAPTAIN C. R. PAUL, 18th U. S. Infantry, lately on recruiting duty at Rochester, N. Y., has taken charge of the rendezvous at 146 Park Row, New York City.

LIEUTENANT E. F. TAGGART, 6th U. S. Infantry, a recent arrival at Plattsburgh Barracks, N. Y., has taken charge of quartermaster and subsistence matters at that post.

GENERAL WESLEY MERRITT, U. S. A., and Mrs. Merritt, have returned to St. Louis from a very pleasant visit to Fort Leavenworth, where they have many warm friends.

CAPTAIN D. MORTIMER LEE and wife, U. S. Army, have returned from their summer visit to the White Mountains, and are located for the winter at 48 Union Park, Boston, Mass.

GENERAL JOHN NEWTON, U. S. A., is taking an active part in the efforts of the People's Municipal League, of New York City, to improve the management of city public affairs.

CAPTAIN J. W. DILLENBACK, 1st U. S. Artillery, of Fort Hamilton, N. Y. H., is to drill his light battery at Prospect Park parade ground, Brooklyn, at 3 P. M., on Wednesday next, Oct. 22.

THE many friends of Gen. L. P. Bradley, U. S. A., retired, whom he has made during his residence in Chicago, greatly regretted his departure last week to Tacoma, where he has gone to take up his residence.

CAPTAIN HENRY S. TURRILL, Assistant Surgeon, U. S. A., now at Fort Spokane, is expected soon at Madison Barracks, Sackett's Harbor, N. Y., for duty, where he will meet many old friends made while he served at the post, from October, 1879, to October, 1882.

COLONEL M. V. SHERIDAN, U. S. Army, and Mrs. Sheridan have returned from the Pacific Coast.... General Brooke, Lieut.-Col. Stanton, Col. Corbin, Capt. Ray, Mr. Webb Hayes, son of ex-President Hayes, and Mr. John Collins are anticipating a hunt for big game near the head waters of the North Platte River in Southern Wyoming, south of old Fort Fred Steele.—*Omaha Bee.*

COLONEL A. G. BRACKETT, U. S. A., in a recent letter to the *San Antonio Express* says: "In your Saturday's issue Col. John S. Ford is quite severe upon Mr. Bancroft, the historian, for saying in his history of Texas that Col. Juan N. Cortina burnt Roma. If Mr. Bancroft is in error he certainly is in good company, for Mr. H. S. Thrall, in his Pictorial History of Texas, on page 529, distinctly says: 'In 1861 Cortina with several hundred men crossed the Rio Grande and burned Roma.'"

"POOR Anthony Wayne!" says the Bethlehem Times. No wonder; he has had fifteen counties named for him and eighty-two townships, with stations, villages, Wayne Centres, Wayne Cities, Wayne Furnaces, Wayne Court Houses, Wayne Four Corners, Wayne Junctions, Waynesburgs, Waynesvilles, Waynesfields, Waynesboroughs, and Waynestownsgalore. With not even a backwoods hamlet called in his honor the brave old soldier's name would be immortal. With such an aggregation of reminders it is certain his fame cannot wane.

THE Youngstown News has the following Fort Niagara items: Capt. and Mrs. Gilbreath have been the guests of Col. Bush for a few days.... Lieut. Blatchford, Madison Barracks, was entertained by Lieut. Loveridge.... Gen. Small, Chief C. S., Div. of Atlantic, and daughter, of Governor's Island, were the guests of Col. Bush over Sunday.... Capt. Myer and Lieut. Irvine took a trip to Toronto Tuesday.... A regimental Court-martial consisting of Capt. Gilbreath, Capt. Hoyt, Lieut. Emery with Lieut. Blatchford as J. A., convened Saturday, Oct. 4, for the purpose of hearing the alleged complaint of Corpl. Brady, Co. C, against his captain, and was concluded Monday.

THE Aztec Club held its annual meeting on Monday evening of this week at Pinard's, New York City. There were present Gen. Joseph E. Johnston, Gen. Fitz John Porter, B. Fitz John Porter, Gen. Oliver L. Shepherd, John Watts Kearny, Gen. Orlando B. Willcox, Gen. Darius N. Couch, Prof. Henry Kendrick, Gen. James B. Fry, Gen. Stewart Van Vliet, Gen. Egbert L. Viele, Col. De Lancey Floyd-Jones, Capt. N. Walter Barnadiston, British Army; Charles Biddle, Gen. Z. B. Tower and Gen. Innis N. Palmer. Gen. Palmer is President, Gen. D. M. Frost is Vice President, Gen. Willcox Secretary, and Col. Floyd-Jones, Treasurer. The club now numbers 226 members.



COLONEL CHARLES BIRD, U. S. A., rejoined at Fort Monroe, Va., on Thursday, from a short leave.

LIEUTENANT W. H. ALLAIRE, 23d U. S. Inf., is a recent arrival at Memphis, Tenn., for a tour of recruiting duty.

CAPTAIN L. S. TESSON, Assistant Surgeon, U. S. A., on a few weeks' leave from Fort Sidney is a recent visitor in Omaha.

SURGEON-GENERAL J. H. BAXTER, U. S. A., visited New York City this week, making his headquarters at the Fifth Avenue Hotel.

ASSISTANT SURGEON J. D. POINDEXTER, U. S. A., on duty at Camp Poplar River, was made the happy father of a daughter Oct. 2.

LIEUTENANT H. H. BANDHOLZ, 6th U. S. Infantry, a recent arrival at Plattsburgh Barracks, N. Y., has taken charge of the adjutant's office at that post.

MRS. CHASE, wife of Capt. George Chase, 3d U. S. Cavalry, returned to San Antonio this week from a visit to her parents, Surgeon and Mrs. Ely McClellan, Chicago.

ACTING JUDGE ADVOCATE GENERAL G. N. LIEBER, U. S. A., and Major Albert Hartshoff, Surgeon, U. S. Army, registered at the Grand Hotel, New York City, on Tuesday.

MAJOR HENRY M. CRONKHITE, Surgeon, U. S. A., is expected at Fort Trumbull, Conn., from the West in a few days to take charge of the Medical Department at that post.

GENERAL A. McD. MCCOOK, U. S. A., left Los Angeles, Cal., last week on an official tour of inspection to the posts in Arizona and New Mexico. He was accompanied by Lieut. Baker, A. D. C.

A VERY handsome dinner to Major Gen. Miles was given at the Auditorium Hotel, Chicago, Oct. 15, by prominent business men of that city, including Marshall Field, George M. Pullman, J. W. Doane, and others.

COLONEL M. A. COCHRAN, 6th U. S. Infantry, is gradually getting the new post near Newport Bks., Ky., Fort Thomas, into excellent order and the fine band of his regiment makes the post a great attraction for visitors.

GENERAL W. T. SHERMAN, U. S. A., says the New York Sun, "goes about town almost invariably in the street cars. As a rule one of his daughters accompanies him, and the old warrior, in jumping on and off the steps, is as young as many men forty years his junior."

A CORRESPONDENT writes: Captain O. W. Budd, 4th Cavalry, is rapidly recovering his old time health and strength much to the surprise of the subalterns of his regiment, who had been expecting promotions through the loss of their brave old comrade. His vigorous constitution is carrying him through a most severe illness.

MR. JOHN TWEDDALE, Chief Clerk of the War Department, is a recent visitor in Omaha, on his return, with friends, from a trip to Alaska which occasions the *Bee* of that city to speak in complimentary terms of his official and personal record, and to say: "He is a fine-looking gentleman of average height and build, about 45 years of age, with gray hair and mustache."

COLONEL H. W. CLOSSON, 4th U. S. Artillery, left Fort McPherson, Ga., on Monday for Indianapolis, Ind., to attend the sessions of the Board recently convened to inquire into the "facilities for producing steel forging for high power guns," etc. The members of the Board are Col. Craigbill, Closson, and Buffington, and Major Dutton. The Board will go from Indianapolis to Rock Island and thence to the Pacific Coast.

THE Chicago *Evening Post* says: "What a lucky man is Col. Corbin. Transferred from Chicago to the only genuine earthly paradise, Southern California. By the time he is ready to start for Los Angeles the chilling blasts of winter will be drawing near us, while there perpetual sunshine and the grateful warmth of early June will greet him. Chicago is not so lucky. Colonel and Mrs. Corbin were welcome accessions to the social ranks of this city and their departure will make an appreciable gap in the ranks."

GENERAL CHAUNCEY MCKEEVER, Acting Adjutant-General, U. S. A., passed Sunday last at the home of Mr. J. Henry Purdy, his son-in-law, who has a summer residence at "The Orchards" on Dr. Webb's Shelburne Farms, Vermont. Gen. McKeever went to Montpelier Oct. 13 to meet Secretary of War Proctor at the State House. The veterans of Vermont remember with much pleasure this distinguished soldier. No officer of the U. S. Army is more welcome within the borders of this State than Gen. McKeever.—*Burlington Press*.

A COLUMBIA, Mo., correspondent writes: "On Sept. 27 last Mr. Hamilton Bowman Rollins and Miss Jennie McCune were married. The wedding was a quiet one, only a few persons, relatives and intimate friends, being present. The bride and groom are among Columbia's best-loved young people, with many devoted friends throughout the State. They are at home at the residence of Capt. J. H. Rollins, U. S. A., the groom's father. Mr. and Mrs. Rollins are the recipients of many cordial congratulations and sincere wishes for the happiness and abundant usefulness of a wedded life so auspiciously begun."

THE Farmington Chronicle, of Farmington, Me., devotes nearly a column to the description of a brilliant wedding which occurred in that town on Oct. 2, the contracting parties being Harry Clifford Wood, Esq., a promising young lawyer of New York City, son of Col. H. C. Wood, A. G., and Miss Charlotte Belcher Fairbanks, daughter of the Hon. Joseph W. Fairbanks, of Maine. The popularity of the couple was shown by the large attendance at the ceremony and the numerous and handsome presents received. It is described as the prettiest and largest attended wedding that has occurred in that section for years. Mr. Wood being a member of the Franklin County Bar, the Supreme Judicial Court of that district adjourned in honor of his marriage and attended the service.

GENERAL W. D. WHIFFLE, U. S. A., is visiting at Norristown, Pa.

LIEUTENANT JOHN T. MARTIN, 4th U. S. Artillery, left Atlanta, Ga., on Monday of this week on a short leave.

COLONEL JOHN E. SUMMERS, U. S. A., retired, will reside during the winter at the Paxton Hotel, Omaha, Neb.

MAJOR-GENERAL MILES arrived in Washington Oct. 17, to attend a meeting of the commission to inquire into the condition of the Cheyenne Indians.

LIEUTENANTS W. H. ALLAIRE, C. R. Edwards and J. E. Normoyle, 23d U. S. Infantry, are among the members of that regiment who have recently qualified as sharpshooters.

MAJOR ARTHUR MACARTHUR, Assistant Adjutant-General, U. S. Army, returned to Washington on Wednesday from a very pleasant trip to Fort Leavenworth where he has many warm friends.

COLONEL T. H. STANTON, U. S. A., is one of a number of Omaha gentlemen who have promised to give a course of lectures this winter to help the Y. M. C. A. of that city in a financial point of view.

MRS. HOMER S. KING, of San Francisco, gave an informal reception recently in honor of Major Jas. H. Lord, U. S. A., and Mrs. Lord, recent arrivals on the Pacific Coast. Vocal and instrumental music and recitations were a pleasant feature of the occasion.

THE Army friends of Dr. Dorsey M. McPherson, late acting assistant surgeon, U. S. A., and well and honorably known to the Service, and who was stationed in the department of Arizona, will be pleased to hear that he has been appointed Medical Reviewer in the U. S. Pension Office under civil service rules.

GLANCING over a recent Department of the Platte roster of troops we note at Fort McKinnon the following opposite the name of 1st Lieut. Philip P. Powell, 9th U. S. Cav.: "Post Q. M., Post Adjutant, A. C. S. A. Sig. O., A. Ord. O., and Rec. Officer, G. S. D. P., in charge of Post Canteen." If to this is to be added a share of company duty then, indeed, Lieut. Powell must have his hands full.

THE following Army officers registered at the War Department this week: 1st Lieut. H. H. Ludlow, 3d Art.; John Miller, Engrs.; Capt. George Mitchell, 2d Art.; 2d Lieut. Henry D. Todd, Jr., 31 Art.; Wm. S. McNair, 3d Art.; Capt. John J. Cochran, Med. Dept.; Majors L. Cass Forsyth, Q. M. D.; Wm. H. Powell, 22d Inf.; Capt. Wm. Bixby, Engrs.; O. N. Smith, C. S.; Wm. L. Alexander, C. S.; Major C. Ewen, Med. Dept.; 1st Lieut. H. G. Sichel, 7th Cav.

THE *Pioneer Press*, referring to the arrival of Maj. J. Ford Kent, 4th U. S. Inf., in St. Paul for duty on Gen. Ruger's staff as Inspector-General, says: "Col. Kent has an enviable record as an officer. He served with distinction throughout the rebellion, was with the Army of the Potomac, and earned brevet after brevet by gallant conduct on the field of battle. He is well remembered in military circles here, and has in Col. Barber and others some old companions in arms in the civil war. During the latter part of the war Col. Kent performed the duties of an acting inspector general, and there was an eminent fitness in his present selection, which is regarded on all sides as an excellent one. It brings back again into the department, too, an able officer and one of the most accomplished and popular gentlemen in the Army."

COMMANDER F. J. HIGGINSON, U. S. N., sailed for Europe on Wednesday on the steamer *Friesland*.

LIEUTENANT-COMMANDER A. R. COWDEN, U. S. N., of the *Atlanta*, is visiting his family in Washington.

COMMANDER JOHN SCHOUTER, U. S. N., registered at the St. James Hotel, New York City, on Wednesday.

THE gunboats *Concord* and *Beaumont* are to be commanded by Comdr. Batcheller and Bradford, respectively.

MRS. BOGGS, widow of Rear Admiral C. S. Boggs, U. S. N., sailed for Europe on Wednesday on the steamer *Noordland*.

LIEUTENANT J. H. MOORE, U. S. N., was at Annapolis, this week, on business in connection with the Jeannette monument.

CAPTAIN HOWELL, U. S. N., commanding the *Atlanta*, has returned to Norfolk, after a brief visit to his family in Washington.

COMMANDER JOHN R. BARTLETT, U. S. N., is in Washington, this week, looking after orders to command one of the new ships.

ONE of the most generous donors of valuable books to the library in the Naval Academy is the wife of Lieut. E. K. Moore.

LIEUTENANT-COMMANDER FRANK COURTIS, U. S. N., and wife have arrived in Washington, and are quartered at 825 W avenue for the winter.

It is expected that Asst. Engr. Martin Bevington will succeed Asst. Engr. A. M. Hunt, recently resigned, as a member of the Steel Inspection Board.

THE death of Comdr. Chas. L. Huntington, U. S. N., promotes Lieut. Comdr. R. D. Hitchcock to commander, and Lieut. Walton Goodwin to lieutenant commander.

CAPTAIN W. C. COULSON, commander of the U. S. revenue cutter *Rush*, who was an acting master, U. S. Navy, during the war, joined the Indiana Commandery of the Loyal Legion this week.

THE marriage of Miss Mary Slaughter, daughter of Mr. Thomas J. Slaughter, and Mr. Horace Halmer Emmons, son of the late Rear Admiral Emmons, U. S. N., took place Oct. 16, at Dellwood, the residence of the bride's parents near Madison, N. J.

THE engagement is announced of Miss Alicia Dahlgren, daughter of Mrs. Madeline Vinton Dahlgren, to Josiah Pierce, Jr., of Portland, Me. The young lady's brother, Mr. Eric Dahlgren, is to wed, early in December, Miss Lucy Drexel, of New York.

THE next retirement in the Navy on account of age will be that of Medical Inspector F. L. Du Bois, which occurs on Oct. 21. Chief Engrs. George R. Johnson and Charles H. Loring will follow soon after, the former reaching 62 on Nov. 9 and the latter on Dec. 20. These are the only age retirements in the Navy that will occur during the present year.

THE following officers registered at the Navy Department this week: Comdr. J. R. Bartlett, Asst.-Engr. B. C. Bryan, Lieut.-Comdr. W. H. Brownson, Lieut.-Comdr. A. R. Cowden, Asst. Naval Constructor W. L. Capps, Ensign F. W. Kellogg, Comdr. George E. Wingate, Lieut. Richard Rush, Ensign Albert P. Niblack, Naval Cadet H. G. Gates, Ensigns F. F. H. Ryan and W. J. Maxwell.

THE examination of Chaplain Rawson for the position of Professor of Mathematics in the Navy was concluded last week and the papers in his case are now before the Secretary of the Navy. It is understood that he was found qualified for the position and that his appointment will be signed by the President in a few days. Another vacancy will occur in a few days when Prof. John M. Rice will be retired on account of disability. Ensign Philip R. Alger will be appointed in his place.

LIEUTENANT HOWARD K. GILMAN, U. S. Marine Corps, son of Col. J. H. Gilman, U. S. A., was married Oct. 1, at St. Paul, to Miss Mamie Lamb, the ceremony being performed at the residence of the bride's mother. A despatch says: Lieut. Gilman has been practically a resident of St. Paul for some time, and he will now resign his naval commission and make St. Paul his permanent home. The bride was the recipient of many rich gifts from the groom and relatives. Lieut. and Mrs. Gilman left in the evening for an eastern trip.

THE King and Queen of Denmark and members of the royal family were entertained at luncheon on the afternoon of Oct. 16 on board the United States cruiser *Baltimore*. There were also present the Danish Minister of Marine, United States Minister Carr and Mrs. Carr and the members of the American Legation. After the luncheon, Mr. Carr, on behalf of the royal family, presented to Commander Schley, of the *Baltimore*, photographs of their Majesties and the Crown Prince. The photographs bear the royal signatures. A pleasant incident of the visit was the release, at the special request of Queen Louise, of a sailor who was under arrest for some infraction of the ship's rules.

OCT. 30 is the date decided upon for the unveiling of the Jeannette monument at Annapolis, where everything is now being made ready for the event. It was on this date nine years ago that De Long made the last entry in his diary, and which has been accepted as the date of his death. Hence its selection for the unveiling ceremonies. The arrangements for the event are now practically complete. Nothing has been left undone by the committee having the matter in charge to make the occasion a memorable one. An effort will be made to have every one present who was in any way connected with the expedition. A special train will be run from Washington to convey the President, members of the Cabinet and other distinguished officials. Asst. Secretary Soley will deliver the oration.

#### OPPOSITION TO THE CANTEEN.

To the Editor of the Army and Navy Journal:

It is understood that there is considerable opposition to the canteen system among the officers of the Subsistence Department, especially to that feature of the canteens which provides the soldier with articles other than soft drinks and lunches. At some points it no doubt interferes materially with sales at the commissary. That it does this is evidence that the Subsistence Department has not been conducted satisfactorily to the line—I mean that portion of the line that is obliged to patronize it not as a necessity by reason of being away from markets. As every line officer who has been obliged to "live off the commissary" well knows, the articles kept there are not what they should be; nor do the prices average as low as these same articles, fresh, can be bought for in any large city. Whether this fact is due to the system which requires estimates to be made so long in advance and in such large quantities that the stores become old and stale before being consumed, or to other causes, it is not necessary to determine, but the fact remains that but few people buy out of the commissary unless they have to. The canteen is not hampered by red tape; it is run on the same business principles that govern similar establishments in civil life. It keeps what soldiers and officers want, and it tries to please its patrons. Its articles are not stale and bought last year by contract. The canteen has been a boon at many posts, and the line most respectfully requests "hands off." If the enemies of the canteen wish to make a failure of it, let them use all their influence to have canteens turned over to and run by some superannuated system of red tape, with twenty-nine kinds of blanks. VIGIL.

#### OUR NATIONAL CEMETERIES.

A PRESS correspondent who accompanied the Comte de Paris and party to Virginia writes: "Then we wound up by a precipitous road to the pretty Glendale Cemetery. \* \* \* And a word about these beautiful evidences of the respect and care shown by the United States to its honored dead. The Pension Bureau is a howling wilderness to one of these charming and well kept places of repose. The Comte de Paris has been deeply impressed by the neat and soldierly disposition of our dead. He always shakes hands with the superintendent of each cemetery, leads him into conversation and leaves remembrances of his visits more substantial than the autograph. There is no department of our Government more complete, impressive and well devised; none that appeals more direct to the casual traveler than the one composed of the gentlemen at Washington who have made the soldier's grave lovely and found a beautiful home for the unknown dead. As the verses which greet one's eye at the entrance to Glendale say:

Rest on, embalmed and sainted dead,  
Dear as the blood ye gave,  
No impious footstep here shall tread  
The herbage of your grave.



## THE ARMY.

BENJAMIN HARRISON, *President and Commander-in-Chief.*

REDFIELD PROCTOR, *Secretary of War.*

LEWIS A. GRANT, *Assistant Secretary of War.*

G. O. 115, H. Q. A., Oct. 4, 1890.

Publishes orders from the War Department setting aside the unoccupied military posts of Fort McDowell, Ariz., and Fort Totten, N. D., their buildings and appurtenances for Indian school purposes.

G. O. 116, H. Q. A., Oct. 7, 1890.

Publishes the act of Congress approved Oct. 1, 1890, to provide for the examination of certain officers of the Army and to regulate promotions therein.

[Heretofore given in full in the JOURNAL.]

G. O. 117, H. Q. A., Oct. 7, 1890.

Publishes the act of Congress approved Sept. 27, 1890, to amend the Articles of War relative to the punishment on conviction by Courts-martial; also the act approved Oct. 1, 1890, to promote the administration of justice in the Army.

[Both of these acts have already been given in full in the JOURNAL.]

G. O. 118, H. Q. A., Oct. 7, 1890.

By direction of the Secretary of War paragraphs 567 and 981 of the Regulations are amended to read as follows:

567. On the departure of the patient from his station, the commanding officer will give such orders to the person in charge as will provide for the transportation of the necessary attendants to the institution and back again to their post, and for their subsistence during their absence. When payment of commutation, in lieu of subsistence in kind, is permissible, under paragraph 1424, the commanding officer may, in writing, order the commutation for the patient to be paid in advance to, and received for by, the non-commissioned officer to whose charge the patient is committed by the order.

981. Division and department commanders, and an officer commanding an army in the field, may give orders, on the reports of authorized inspectors, to sell, destroy, or make such other disposition of condemned property as the case may require, except the sale of ordnance and ordnance stores, for which the orders of the Secretary of War must be given; and the sale and shipment of medical property also excepted, until the opinion of the Surgeon General is obtained, as provided in paragraph 979. If the property be of considerable value, and there is good reason to suppose it could be more advantageously applied or disposed of elsewhere than within the command, the matter will be referred to the War Department, through the Adjutant General.

By command of Major Gen. Schofield:  
CHAUNCEY McKEEVER, Act. Adjt.-General.

G. O. 119, H. Q. A., Oct. 7, 1890.

I. The following order from the War Department is published for the information and guidance of all concerned:

"WAR DEPARTMENT, WASHINGTON, October 7, 1890.

"Upon the recommendation of the Major General Commanding the Army the military works at Fort Pike and Fort Mucumb, Louisiana, are hereby abandoned. The ordnance stores at those points, except the heavy guns, will be sent to the Augusta Arsenal, Georgia, or to the New York Arsenal, as the Chief of Ordnance may indicate. The engineer property will be disposed of in such manner as the Chief of Engineers may desire, after which the ordnance sergeants in charge will be withdrawn and the reservations and buildings thereon will be turned over to the custody of the Quartermaster's Department.

"L. A. GRANT, Acting Secretary of War."

II. Supplementary to Article XXXVIII. of the Regulations, it is directed, with the approval of the Secretary of War, in connection with reports received under the circular letter from the Adjutant General's Office dated December 25, 1889, to department commanders, that text-books for post schools be furnished by the Quartermaster's Department covering spelling, reading, writing, arithmetic, history of the United States, and geography.

One wall-map of the United States, one terrestrial globe (18 inches), and two dictionaries will be supplied each post school; and for the use of the more advanced enlisted men (to be supplied, however, only under special calls) works on grammar, algebra, geometry, and trigonometry.

As the reports received under the aforesaid circular letter of December 25, 1889, indicate a divergence of views as to "methods of management and instruction," such methods will, for the present, be left to the discretion of the post commanders, under such special instructions as department commanders may deem essential, in connection with the reports received by them from staff officers of the Adjutant General's and Inspector General's Departments on duty at department headquarters; and the selection of text-books will be left to the discretion of the department commander.

It is not intended that the curriculum shall be very rigid, but that some elasticity shall be permitted, so that the more advanced enlisted men may be instructed in the more advanced common English branches.

By command of Maj.-Gen. Schofield:  
CHAUNCEY McKEEVER, Act. Adjt.-General.

G. O. 120, H. Q. A., Oct. 8, 1890.

[Published last week under head of "Organization for the Army," page 103.]

G. O. 121, H. Q. A., Oct. 11, 1890.

The following joint resolution and act of Congress are published for the information and government of all concerned:

I. Joint resolution granting permission to officers and enlisted men of the Army and Navy of the United States to wear the badges adopted by military societies of men who served in the war of the revolution, the war of eighteen hundred and twelve, the Mexican war, and the war of the rebellion.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the distinctive badges adopted by military societies of men who served in the armies and navies of the United States in the war of the Revolution, the war of eighteen hundred and twelve, the Mexican war, and the war of the rebellion respectively, may be worn upon all occasions of ceremony by officers and enlisted men of the Army and Navy of the United States, who are members of said organizations in their own right.

Approved, September 25, 1890.

II. An act to amend chapter sixty-seven, volume twenty-third, of the Statutes at Large of the United States.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That chapter sixty-seven of volume twenty-three of the Statutes at Large of the United States, being an act entitled "An act to authorize a retired list for privates and non-commissioned officers of the United States Army who have served as such for a period of thirty years or upward," approved

February fourteenth, eighteen hundred and eighty-five, be amended so as to read as follows:

That when an enlisted man has served as such thirty years in the United States Army or Marine Corps, either as private or non-commissioned officer, or both, he shall by application to the President be placed on the retired list heretofore created, with the rank held by him at the date of retirement, and he shall receive thereafter seventy-five per centum of the pay and allowances of the rank upon which he was retired: *Provided*, That if said enlisted man had war service with the Army in the field, or in the Navy or Marine Corps in active service, either as a volunteer or regular, during the war of the rebellion, such war service shall be computed as double time in computing the thirty years necessary to entitle him to be retired.

Approved, September 30, 1890.

By command of Maj.-Gen. Schofield:  
SAMUEL BRECK, Acting Adjt. General.

G. O. 122, H. Q. A., Oct. 13, 1890.

I. The Major General Commanding communicates to the Army the following orders of the acting Secretary of War announcing the decease of the Honorable William W. Belknap:

WAR DEPARTMENT, WASHINGTON, October 13, 1890.

ORDERS:

It is with great sorrow that the acting Secretary of War announces the death of the Honorable William W. Belknap, which has just occurred in this city.

General Belknap was Secretary of War under President Grant from October 25, 1869, to March 2, 1875, and rendered valuable service. He entered the United States military service as major of the 15th Iowa Volunteers December 7, 1861; was promoted lieutenant-colonel August 20, 1862, and colonel June 3, 1863; and was appointed brigadier-general of volunteers July 30, 1864. During his service in the Army he was recognized as a brave and efficient commander, and was made major-general of volunteers by brevet for gallant and meritorious service during the war.

As a mark of respect to his memory, it is ordered that the War Department be draped in mourning for the period of thirty days and that all business be suspended therein on the day of the funeral.

L. A. GRANT, Acting Secretary of War.

II. Upon the day after the receipt of this order at each military post seventeen guns will be fired at intervals of one-half hour, commencing at 8 o'clock A. M.

By command of Maj.-Gen. Schofield:  
SAMUEL BRECK, Acting Adjt.-General.

S. O. 12, DIV. ATLANTIC, Oct. 13, 1890.

Col. Geo. D. Ruggles, A. A. G., having reported, is announced as assistant adjutant general of the Division of the Atlantic.

G. O. 11, DEPT. OF DAKOTA, Oct. 6, 1890.

Major J. Ford Kent, 4th Inf., having reported for duty, is announced as acting inspector general of the department.

G. O. 28, DEPT. OF ARIZONA, Oct. 6, 1890.

Major Adna B. Chaffee having reported, is assigned to duty in charge of the office of the inspector general.

G. O. 18, DEPT. OF TEXAS, Oct. 7, 1890.

Major Wm. A. Mays, O. D., having reported, is announced as chief ordnance officer of the Department, vice Major Lawrence S. Babbitt, O. D., relieved.

G. O. 21, DEPT. OF THE MISSOURI, Oct. 7, 1890.

Major Wm. J. Volkmar, A. A. G., is announced as assistant adjutant general of the Department.

## STAFF CORPS AND DEPARTMENTS.

## General Officers.

Brig.-Gen. McCook, department commander, accompanied by 2d Lieut. Chauncey B. Baker, A. D. C., will proceed on public business to Forts Lowell, Huachuca, Bowie, Grant and Thomas and San Carlos and Forts Bayard, Selden, Stanton, Marcy, Union, Wingate and Apache and Whipple Bks. (S. O. 101, Oct. 6, D. Ariz.)

Maj.-Gen. Nelson A. Miles is detailed member of the commission to negotiate with the Northern band of Indians on the Tongue River Reservation, etc., for modification of treaty and other rights (S. O., Oct. 11, H. Q. A.)

## Quartermasters and Subsistence Departments.

Major J. W. Scully will proceed to national cemeteries in Mississippi, Louisiana, Alabama and Florida on public business (S. O., Oct. 11, H. Q. A.)

Post Q. M. Sergt. Jno. T. McDermott, Fort Preble, will proceed to Fort Warren for duty; Post Q. M. Sergt. Wm. Van Heckeeroth, Fort Warren, will proceed to Fort Preble for duty (S. O., Oct. 8, H. Q. A.)

Post Q. M. Sergt. Wm. Myer, Oklahoma, will, upon the abandonment of that post, proceed to Fort McIntosh for duty (S. O., Oct. 9, H. Q. A.)

Post Q. M. Sergt. Michael Mullen (appointed from sergt., 19th Inf.), Fort Wayne, will proceed to Fort Sam Houston for duty (S. O., Oct. 13, H. Q. A.)

Major S. T. Cushing, C. S., Fort Leavenworth, will proceed to Kansas City on business (S. O. 141, Oct. 13, Dept. M.)

Capt. Charles Hay, C. S., will proceed from Denver to Greeley and La Porte, Colo., on public business (S. O., Oct. 14, H. Q. A.)

## Pay Department.

S. O. 84 is modified to direct Maj. Geo. F. Robinson, paymr., to pay the troops at the Presidio of San Francisco (S. O. 88, Oct. 8, D. Cal.)

Major Geo. W. Candee will pay the troops at Newport Bks. (S. O. 83, Oct. 9, Dept. M.)

## Medical Department.

Col. Joseph R. Smith, medical director, will proceed on public business to Forts Grant and Thomas and San Carlos (S. O. 90, Oct. 2, D. Ariz.)

Asst. Surg. P. G. Wales will proceed from Fort Huachuca to Fort McDowell for temporary duty (S. O. 100, Oct. 4, D. Ariz.)

The contract of A. A. Surg. E. H. Parker, Fort Sully, is annulled, to take effect Oct. 15 (S. O. 146, Oct. 8, D. Dak.)

Capt. E. T. Comegys is detailed member of the G. C.-M. at Fort Bayard (S. O. 102, Oct. 8, D. Ariz.)

The leave granted Maj. Daniel G. Caldwell, surg., is extended one day (S. O., Oct. 10, H. Q. A.)

A. A. Surg. Wm. Shippen, Fort Buford, will proceed to Fort Totten and report for temporary duty,

to enable Capt. James A. Finley, asst. surg., to comply with S. O. 232, H. Q. A. (S. O. 147, Oct. 10, D. Dak.)

The retirement from active service on Oct. 12, 1890, by operation of law, of Capt. Andrew V. Cherbonnier, medical storekeeper, is announced. Capt. (Cherbonnier will repair to his home (S. O., Oct. 13, H. Q. A.)

Hospi. Steward Chas. H. Swan, Fort Lowell, will be discharged the service (S. O., Oct. 9, H. Q. A.)

The C. O. Fort Porter will send Pvt. Herman Dennis, hospital corps, to report at Plattsburgh Bks. for temporary duty (S. O. 241, Oct. 10, Div. A.)

Hospi. Steward Samuel W. Richardson, Boston, will proceed to Fort Keogh for duty (S. O., Oct. 13, H. Q. A.)

## Engineers and Ordnance Departments.

The leave for seven days, taken by Capt. Jos. H. Willard, C. E., is extended eight days (S. O. 71, Oct. 15, C. E.)

So much of S. O. 229 as directs Ord. Sergt. Leodegar Schnyder, upon being relieved at the fort at Clark's Point, Mass., to proceed to San Carlos is revoked (S. O., Oct. 13, H. Q. A.)

## Signal Corps.

2d Lieut. Frederick R. Day, St. Louis, will proceed to certain points and make a thorough inspection of the Signal Service stations thereat (S. O., Oct. 10, H. Q. A.)

Corpl. Frank T. Williams will proceed from Buffalo to Red Wing, Minn., and assume charge of that station (S. O. 131, Oct. 13, Sig. Office.)

Sergt. Herbert E. Wilkinson will proceed from Carson City, Nev., to Keeler, Cal., and assume charge of that station; Corpl. Dexter C. Grunow will proceed without delay from Keeler to Carson City and assume charge of that station (S. O. 133, Oct. 15, Sig. Office.)

## Chaplains.

The leave for seven days granted Post Chaplain Delmer K. Lowell, Fort Warren, is extended 14 days (S. O. 242, Oct. 11, Div. A.)

## THE LINE.

The Stations of Companies not mentioned here will be found by reference to last number of the JOURNAL.

## 1st Cavalry, Colonel James S. Brislin.

Hdqs., B. D. E., and G. Ft. Custer, Mont.; I. Ft. Leavenworth, Kas.; C. F. and H. Ft. Assiniboine, Mont.; A and K, Camp Sheridan, Wyo.

Leave for twenty-one days, to take effect about Oct. 15, is granted 2d Lieut. Godfrey H. Macdonald, Fort Assiniboine (S. O. 146, Oct. 8, D. Dak.)

S. O. 188, directing Capt. Frank K. Upham to establish a temporary recruiting rendezvous at Davenport, Iowa, is revoked (S. O. 195, Oct. 9, Rec. Ser.)

The verbal instructions of the Dept. Commander, directing 1st Lieut. O. J. Brown, A. D. C., to accompany him to Fort Leavenworth on public business, are made of record (S. O. 141, Oct. 13, Dept. M.)

Lieut.-Col. A. K. Arnold, Regimental Commander, in an order of Sept. 30, says: "1st Lieut. R. P. Page Wainwright is relieved from duty as Regimental Adjutant, he having held the office for four years, this being the limit as contemplated by par. 225, A. R. The zeal and ability with which Lieut. Wainwright has performed his duties, together with his courteous deportment towards all who have come in contact with him, during his tour as Adjutant, elicits alike the commendation of his superiors and inferiors in rank and he has the thanks not only of his Regimental Commander, but of all other officers of the command he has represented, for the efficient endeavors exerted by him at all times, in sustaining that reputation, discipline, and harmony of the regiment so dear to it. 1st Lieut. Albert L. Mills is appointed Regimental Adjutant, to date from Oct. 1. Lieut. Wainwright is assigned to Troop G."

## 2nd Cavalry, Colonel David R. Clendennin.

Hdqs., D. and H. Ft. Lowell, Ariz.; B, C, G, and I, Ft. Huachuca, Ariz.; A, E, and K, Ft. Bowie, Ariz.; F, Ft. Leavenworth, Kas.

1st Lieut. F. W. Sibley, Adjt., is appointed recruiting officer at Fort Lowell, relieving 1st Lieut. Guy Carleton (S. O. 99, Oct. 2, D. Ariz.)

2d Lieut. Charles G. Lyman is appointed recruiting officer at Fort Bowie, relieving 1st Lieut. F. G. Irwin, Jr. (S. O. 100, Oct. 4, D. Ariz.)

The leave granted 2d Lieut. John T. Nance is extended one month (S. O., Oct. 14, H. Q. A.)

## 3rd Cavalry, Colonel Albert G. Brackett.

Hdqs. and 4th, Ft. McIntosh, Tex.; F, Ft. Davis, Tex.; D, H, I, and K, Ft. Sam Houston, Tex.; C, Ft. Ringgold, Tex.; B, Ft. Brown, Tex.; A, Camp at Eagle Pass, Tex.; E, Camp Pena Colorado, Tex.

Leave for twenty-three days is granted Lieut.-Col. J. J. Upham, to take effect Oct. 18, with permission to apply for an extension of one month (S. O. 89, Oct. 13, D. Tex.)

## 5th Cavalry, Colonel James F. Wade.

Hdqs., B, C, G, and K, Ft. Reno, Osh. T.; E and H, Ft. Elliott, Tex.; D, Ft. Sill, Okh. T.; A and F, Ft. Supply, Ind. T.; I, Ft. Leavenworth, Kas.

Sergt. Edward Suschanke, Troop F, transferred from Troop M, on furlough, will be sent upon its expiration to join his troop at Fort Supply (S. O. 139, Oct. 6, Dept. M.)

Sergt. Charles Harding, Troop A, transferred from Troop M, Fort Leavenworth, will be sent to join his troop at Fort Supply (S. O. 140, Oct. 10, Dept. M.)

## 6th Cavalry, Colonel Eugene A. Carr.

Hdqs., A, C, E, F, H, and K, Ft. Wingate, N. M.; I, Ft. Lewis, Colo.; D, Ft. Stanton, N. M.; B, Ft. Myer, Va.; G, Ft. Union, N. M.

The resignation of Vet. Surg. James A. Waugh has been accepted, to take effect Oct. 10 (S. O., Oct. 11, H. Q. A.)

## 7th Cavalry, Colonel James W. Forsyth.

Hdqs., A, B, C, D, E, G, I, and K, Ft. Riley, Kas.; F and H, Ft. Sill, Okh. T.

Sergt. Fred. George, Troop K, for drunkenness on duty, etc., at Camp at El Reno, O. T., has been reduced, fined \$30, and relegated to confinement for three months.

## 9th Cavalry, Colonel Joseph G. Tilford.

Hdqs., B, F, I, and K, Ft. Robinson, Neb.; A and G, Ft. Niobrara, Neb.; D and H, Ft. McKinney, Wyo.; E, Ft. Wastalia, Wyo.; C, Ft. Leavenworth, Kas.

Capt. Charles Parker will repair to Jefferson Bar,



racks, Mo., and report for duty. This detail is made with a view to a tour of duty until Oct. 1, 1892 (S. O., Oct. 13, H. Q. A.)

#### 10th Cavalry, Colonel John K. Mizer.

Hdqrs., C. F. and G. Ft. Grant, A. T.; B. E. H. and J. Ft. Apache, A. T.; K. Ft. Thomas, A. T.; A. San Carlos, A. T.; D. Ft. Bayard, N. M.

1st Lieut. W. H. Smith is appointed recruiting officer at Fort Apache, relieving 1st Lieut. Leighton Finley, R. Q. M. (S. O. 100, Oct. 4, D. Ariz.)

1st Lieut. T. W. Jones, Adj't., is appointed recruiting officer at Fort Grant (S. O. 100, Oct. 4, D. Ariz.)

Capt. William B. Kennedy, having reported, will proceed to Jefferson Barracks, Mo., and report to conduct recruits to the 4th Cav. (S. O. 102, Oct. 6, Rec. Ser.)

The following transfers are ordered: 2d Lieut. James B. Hughes, from Troop B to Troop L; 2d Lieut. Melvin W. Rowell, from Troop L to Troop B; 2d Lieut. Robert G. Paxton, from Troop D to Troop M; 2d Lieut. Lawrence J. Fleming, from Troop M to Troop D (S. O., Oct. 8, H. Q. A.)

Leave for fifteen days on Surgeon's certificate is granted 1st Lieut. R. D. Read, Jr. (S. O. 102, Oct. 8, D. Ariz.)

Vet. Surg. Fred Foster will proceed from Fort Bayard to Fort Grant for duty (S. O. 101, Oct. 6, D. Ariz.)

#### 3rd Artillery, Colonel Horatio G. Gibson.

Hdqrs., A. C. E. H. K., and L. Washington Bks., D. C.; D. G. and J. Ft. McHenry, Md.; B. and M. Ft. Monroe, Va.; F. Ft. Sam Houston, Tex.

The following transfers are made: 1st Lieut. Charles W. Hobbs, from Bat. A to Bat. G; 1st Lieut. Benjamin H. Randolph, from Bat. G to Bat. A; 1st Lieut. Hobbs will join Bat. G (S. O., Oct. 14, H. Q. A.)

#### 4th Artillery, Colonel Henry W. Closson.

Hdqrs., C. D. K. and L. Ft. McPherson, Ga.; H. Ft. Adams, B. L.; F. Ft. Riley, Kan.; H. Ft. Monroe, Va.; J. Jackson Bks., La.; A. and M. Ft. Barranca, Fla.; E. and G. St. Francis Barracks, Fla.

Leave for fourteen days is granted 2d Lieut. Wirt Robinson, Fort Adams (S. O. 243, Oct. 13, Div. A.)

The C. O. Fort Barranca will grant a furlough from Nov. 14, 1890, to Feb. 13, 1891, to Pvt. Charles F. Lombard, Bat. M, whose antecedent service is reported to have been faithful (S. O. 242, Oct. 11, Div. A.)

1st Sergt. R. Beal, Sergt. G. C. Alston, and Pvt. M. Fitzpatrick have qualified as sharpshooters.

The 4th U. S. Artillery and its band formed a conspicuous and interesting portion of those present at the opening, Oct. 15, of the Piedmont Exposition, at Piedmont Park, near Atlanta. Their appearance was much admired.

#### 5th Artillery, Colonel Alex. Piper.

Hdqrs., B. C. D. Ft. H. and K., Presidio of San Francisco, Cal.; M. Ft. Mason, Cal.; E. and L. Ft. Canby, Wash.; A. and I. Alcatraz Island, Cal.; G. Ft. Monroe, Va.

1st Lieut. William F. Hancock is detailed recruiting officer at Alcatraz Island, vice 1st Lieut. Oliver E. Wood, relieved (S. O. 88, Oct. 8, D. Cal.)

#### 3rd Infantry, Colonel Edwin C. Mason.

Hdqrs., A. D. E. G., and H. Ft. Snelling, Minn.; B. C. and F. Ft. Meade, S. D.

Capt. William Gerlach, Fort Meade, will proceed to Fort Snelling and report for duty (S. O. 145, Oct. 7, D. Dak.)

#### 4th Infantry, Colonel William P. Carlin.

Hdqrs., D. E. G. and H. Ft. Sherman, Idaho; A. B. and F. Ft. Spokane, Wash.; C. Boise Barracks, Idaho.

Capt. Horace Neide, having reported by telegraph, will establish a recruiting rendezvous and sub-post in San Francisco, at which enlistments will be made for the General and Mounted Services (S. O. 193, Oct. 7, Rec. Ser.)

#### 5th Infantry, Colonel Nathan W. Osborne.

Hdqrs., B. and E. Ft. Bliss, Tex.; C. and F. Ft. McIntosh, Tex.; A. and G. Ft. Ringgold, Tex.; D. Ft. Brown, Tex.; H. Ft. Hancock, Tex.

1st Lieut. William H. C. Bowen, recruiting officer, is designated as A. C. S., while in charge of the temporary recruiting rendezvous at New Haven, Conn. (S. O. 102, Oct. 6, Rec. Ser.)

#### 6th Infantry, Colonel Melville A. Cochran.

Hdqrs., F. and G. Ft. Thomas, Ky.; E. Newport Barracks, Ky.; A. Ft. Wood, N. Y. H.; B. and D. Ft. Porter, N. Y.; C. Ft. Ontario, N. Y.; H. Plattsburgh Barracks, N. Y.

1st Lieut. Bernard A. Byrne, having reported from Fort Thomas, Ky., will proceed to Columbus Barracks, O., and report to conduct selected recruits to the 5th Art. (S. O. 191, Oct. 4, Rec. Ser.)

#### 7th Infantry, Colonel Henry C. Merriam.

Hdqrs., B. C. D. E. F. and G. Ft. Logan, Colo.; A. Camp Pilot Butte, Wyo.; H. Ft. Leavenworth, Kas.

The following transfers are ordered: Capt. Constant Williams, from Co. F to Co. I; Capt. Allan H. Jackson, from Co. I to Co. F; Capt. Jackson will join the company to which transferred (S. O., Oct. 14, H. Q. A.)

1st Sergt. John Elmer, Co. K, Fort Leavenworth, is detailed for recruiting duty at Augusta, Ga. (S. O. 239, Oct. 11, H. Q. A.)

#### 10th Infantry, Colonel Henry Douglass.

Hdqrs., D. Ft. Marcy, N. M.; C. and H. Ft. Union, N. M.; E. Ft. Lewis, Colo.; B. Ft. Stanton, N. M.; A. and F. Ft. Leavenworth, Kas.; G. Oklahoma, Okh. T.

11th Infantry, Colonel Richard I. Dodge.

Hdqrs., A. B. D. F. G. and H. Madison Bks., N. Y.; C. and E. Ft. Niagara, N. Y.

The following transfers are ordered: Capt. George G. Lott, from Co. F to Co. I; Capt. Ralph W. Hoyt, from Co. I to Co. F; 2d Lieut. Eugene L. Loveridge, from Co. K to Co. C; 2d Lieut. Charles P. Russ, from Co. I to Co. G (S. O., Oct. 10, H. Q. A.)

Sergt. F. E. Guider, Co. D; 1st Lieut. J. A. Emery, Co. G; 1st Sergt. E. E. Lear, Sergt. P. F. Quinn, and Corpl. W. Coleman, Co. H; Corpl. Arthur Hays and Pvt. A. Cunningham, Co. I, and Sergts. Charles Woodcock and John Davis, Co. C, have qualified as sharpshooters.

#### 13th Infantry, Colonel Edwin F. Townsend.

Hdqrs., E. Ft. Leavenworth, Kas.; G. and H. Ft. Yates, N. D.; B. C. and D. Ft. Sully, S. D.; F. Ft. A. Lincoln, N. D.; A. Ft. Bennett, S. D.

Leave for fifteen days, from Oct. 11, is granted Lieut.-Col. William F. Druin, St. Paul (S. O. 147, Oct. 10, D. Dak.)

#### 13th Infantry, Colonel Montgomery Bryant.

Hdqrs., E. and H. Ft. Supply, Ind. T.; G. Ft. Reno, Okh. T.; A. and D. Ft. Sill, Okh. T.; F. Ft. Leavenworth, Kas.; B. Camp at Guthrie, Okh. T.; C. Camp Wade, near Kingfisher, Okh. T.

Leave for four months, to take effect Nov. 1, is granted 1st Lieut. William L. Buck (S. O., Oct. 9, H. Q. A.)

Sergt. James Benson, Co. I, Fort Niagara, sick, and Sergt. William H. Ray, Co. I, Camp Wade, are transferred to Co. G, Fort Reno (S. O. 140, Oct. 10, Dept. M.)

#### 15th Infantry, Colonel Robert E. A. Crofton.

Hdqrs., and F. Ft. Buford, N. D.; C. Ft. Randall, S. D.; B. Ft. Pembina, N. D.; A. and G. Ft. Vernon Barracks, Ala.; D. Jackson Barracks, La.; E. and H. Ft. Sheridan, Ill.

Capt. George A. Cornish, recently promoted to Co. I, vice Bean, retired, will report to the C. O. 15th Inf. at Fort Buford (S. O. 146, Oct. 8, D. Dak.)

1st Lieut. David D. Mitchell, upon being relieved from charge of the recruiting rendezvous at Memphis, Tenn., will proceed to Columbus Barracks, O., and report for duty (S. O. 196, Oct. 10, Rec. Ser.)

Pvt. Samuel Rockwell, Co. G, whose antecedent service is reported to have been faithful, will be granted a furlough from Nov. 9 to Feb. 8, and he will be entitled to discharge from the Service at the expiration of his furlough (S. O. 245, Oct. 15, Div. A.)

Pvt. Thomas Fenton, A., and Thomas Hartford, G, have qualified as sharpshooters.

#### 16th Infantry, Colonel Matthew M. Blunt.

Hdqrs., B. D. E. G. and H. Ft. Douglas, Utah; A. C. and F. Ft. Du Chesse, Utah.

The leave for seven days granted Capt. Samuel R. Whittall, Fort Douglas, is extended five days (S. O. 75, Oct. 6, D. Platte.)

2d Lieut. Capers D. Vance is detailed recruiting officer at Fort Du Chesse (S. O. 76, Oct. 8, D. Platte.)

#### 17th Infantry, Colonel Henry R. Mizer.

Hdqrs., A. B. C. D. E. F. G. and H. Ft. D. Russell, Wyo.

1st Lieut. Daniel H. Brush, recruiting officer, is designated A. C. S., while in charge of the temporary recruiting rendezvous at Rochester, N. Y. (S. O. 191, Oct. 4, Rec. Ser.)

1st Lieut. Edward I. Grumley, Infantry and Cavalry School, Fort Leavenworth, will join his company (S. O., Oct. 14, H. Q. A.)

There has been much excitement lately in Cheyenne over the murder of Pvt. Baker, of Co. C, 17th Inf., Oct. 8, near Fort D. A. Russell. An inquest has been held and endeavors are being made to find out the murderer.

#### 18th Infantry, Colonel Henry M. Laselle.

Hdqrs., A. B. C. D. E. F. G. and H. Ft. Clark, Tex.

#### 19th Infantry, Colonel Charles H. Smith.

Hdqrs., A. E. G. and H. Ft. Wayne, Mich.; B. and F. Ft. Brady, Mich.; C. and D. Ft. Mackinac, Mich.

The C. O. Fort Brady will send an attendant with Pvt. Henry St. John, Co. E, to Hot Springs, Ark. (S. O. 241, Oct. 10, Div. A.)

#### 22nd Infantry, Colonel Peter T. Swaine.

Hdqrs., A. B. C. D. E. and H. Ft. Keogh, Mont.; G. Ft. Totten, N. D.; I. Ft. Buford, N. D.

Leave from Nov. 1 to Dec. 14 is granted 1st Lieut. John J. Crittenden (S. O. 83, Oct. 3, Div. M.)

#### 23rd Infantry, Colonel Henry M. Black.

Hdqrs., A. E. F. and H. Ft. Sam Houston, Tex.; B. C. D. and G. Ft. Davis, Tex.

1st Lieut. William H. Allaire, having reported, will proceed to Memphis, Tenn., and take charge of the recruiting rendezvous in that city (S. O. 196, Oct. 10, Rec. Ser.)

#### 24th Infantry, Colonel Zenas R. Bliss.

Hdqrs., A. D. F. and H. Ft. Bayard, N. M.; B. Ft. Grant, Ariz.; C. and G. San Carlos, Ariz.; E. Ft. Thomas, Ariz.

The leave for seven days granted Capt. M. C. Westsells, Jr., San Carlos, is extended thirteen days (S. O. 99, Oct. 2, D. Ariz.)

1st Lieut. A. C. Ducat, Jr., is relieved as recruiting officer at Fort Grant (S. O. 100, Oct. 4, D. Ariz.)

Capt. James N. Morgan and 1st Lieut. Charles Dodge, Jr., are detailed members of the G. C.-M. at Fort Bayard (S. O. 102, Oct. 8, D. Ariz.)

#### 25th Infantry, Colonel George L. Andrews.

Hdqrs., F. G. and H. Ft. Missoula, Mont.; B. C. and E. Ft. Shaw, Mont.; A. and D. Ft. Custer, Mont.

Sergt. Solomon Hare, Co. F, while sergeant of the guard at Fort Missoula, gambled with a prisoner under sentence. For this the sergeant reverts to private, and would have gone to hard labor for three months had not Gen. Ruger, in view of his long and faithful service, including war service, remitted that portion.

(For Late Army Orders see page 126.)

#### Courts-martial.

The following courts have been ordered:

At Fort Assiniboine, Mont., Oct. 15. Detail: Major John M. Hamilton, 1st Cav.; Capt. A. Ram; and William M. McCasky, 20th Inf.; Capt. Frederick K. Ward, 1st Cav.; Capt. William H. Remmer and Joseph F. Huston, 20th Inf.; 1st Lieut. George S. Hoyt, 1st Cav.; 1st Lieut. Frederick D. Sharp, 20th Inf.; 1st Lieut. William C. Brown, 1st Cav.; 1st Lieut. Edwin H. Webber, 20th Inf.; 1st Lieut. Frederick S. Foltz, 1st Cav.; 2d Lieut. Marcus D. Cronin and Archibald A. Cabanis, 20th Inf.; and 1st Lieut. Rowland G. Hill, 20th Inf., J.-A. (S. O. 144, Oct. 4, D. Dak.)

At Fort Niagara, Neb., Oct. 9. Detail: Lieut. Col. Alfred T. Smith, Capt. Charles Porter and Follitt A. Whitney, 8th Inf.; Capt. Patrick Cusack, 9th Cav.; Capt. Cyrus A. Earnest, 1st Lieut. Wallace Mott and William L. Pitcher, 8th Inf.; 1st Lieut. Julian M. Cabell, Asst. Surg.; 1st Lieut. John Stafford and Wills P. Richardson, Adj't., 8th Inf.; 2d Lieut. Gonzales S. Bingham, 9th Cav.; 2d Lieut. George W. Rutters and Edward N. Jones, Jr., 8th Inf., and 2d Lieut. Grote Hutchison, 9th Cav., J.-A. (S. O. 78, Oct. 6, D. Platte.)

At Fort Du Chesse, Utah, Oct. 13. Detail: Capt. Thomas E. Rose, 16th Inf.; Capt. Louis H. Rucker, 9th Cav.; Capt. Samuel Q. Robinson, Asst. Surg.; Capt. Eugene D. Dimmick, 9th Cav.; 1st Lieut. John Newton and 2d Lieut. Charles P. George, 16th Inf.; 2d Lieut. John H. Alexander, William J. D. Horne, and Charles Young, 9th Cav., and 1st Lieut. Charles H. Tyler, 16th Inf., J.-A. (S. O. 75, Oct. 6, D. Platte.)

At Fort Sam Houston, Tex., Oct. 9. Detail: Major Samuel B. M. Young, 3d Cav.; Capt. Richard I. Eskridge, 2d Inf.; Capt. George A. Drew and George F. Chase, 2d Cav.; 1st Lieut. J. R. Clagett and John A. Dapray, 2d Inf.; 2d Lieut. John T. Knight, 3d Cav., and 1st Lieut. George T. Bartlett, 3d Art., J.-A. (S. O. 87, Oct. 6, D. Tex.)

At Fort Davis, Tex., Oct. 11. Detail: Major Samuel Owen-shine, Capt. James Henton, Thomas H. K. Smith, and Otis W. Pollock, 1st Lieut. S. Allen Dyer, Stephen O'Connor, and Edwin Pendleton, 2d Inf., and 2d Lieut. James E. Nor-moye, 2d Inf., J.-A. (S. O. 87, Oct. 6, D. Tex.)

At the Presidio of San Francisco, Cal., Oct. 9. Detail: Capt. David H. Kinzie and John R. Brinkley, 5th Art.; Capt. William E. Dougherty, 1st Inf.; Capt. Abram E. Wood, 4th Cav.; 1st Lieut. Frank Thorp, John McClellan, Oliver E. Wood, J. Estcourt Sawyer, David D. Johnson, and Albert C. Hunt, and 2d Lieut. Thomas Ridgway, 5th Art.; 2d Lieut. Samson L. Faison, 1st Inf.; 2d Lieut. Robert A. Brown, 4th Cav., and 1st Lieut. George E. Sage, 5th Art., J.-A. (S. O. 87, Oct. 6, D. Cal.)

At Jefferson Barracks, Mo., Oct. 14. Detail: Capt. William D. Crosby, Asst. Surg.; 1st Lieut. Hoel S. Bishop, 5th Cav.; 1st Lieut. James N. Allison, 2d Cav.; 1st Lieut. John N. Glass, 8th Cav.; 1st Lieut. Thomas J. Lewis, 2d Cav.; 1st Lieut. John H. Gardner, 9th Cav.; 2d Lieut. Farrand Sayre, 2d Cav., and 1st Lieut. Charles J. Stevens, 9th Cav., J.-A. (S. O., Oct. 5, H. Q. A.)

At Fort Union, N. M., Oct. 14. Detail: Lieut.-Col. Albert P. Morrow, 8th Cav.; Major Henry Lippincott, surg.; Major Edward W. Whittemore and Capt. Chas. L. Davis, 10th Inf.; Capt. Frank West, 6th Cav.; 1st Lieut. John H. Shollenberger and 2d Lieut. Matt R. Peterson, 10th Inf.; 1st Lieut. Frederick Woolley, 10th Inf., J. A. (S. O. 103, Oct. 9, D. Ariz.)

At Fort Keogh, Mont., Oct. 16. Detail: Major John A. Wilcox, 8th Cav.; Capt. Javan B. Irvine, Mott Hooton, Platt M. Thorne, Hiram H. Ketchum, Will W. Daugherly, and Benjamin C. Lockwood, 1st Lieut. Frank B. Jones, and 2d Lieut. John H. Willis, 2d Inf., and 1st Lieut. Alfred C. Sharpe, 2d Inf., J.-A. (S. O. 147, Oct. 10, D. Dak.)

At Fort Wayne, Mich., Oct. 13. Detail: Capt. James H. Bradford, Emerson H. Lescum, and Charles A. Vernon, 1st Lieut. Alexander McCord, and Corneilus Gardner, 2d Lieut. Charles S. Fowler and William T. Wilder, 19th Inf., and 2d Lieut. Harris L. Roberts, 19th Inf., J.-A. (S. O. 241, Oct. 10, Div. A.)

At Fort Wadsworth, N. Y. H., Oct. 14. Detail: Lieut.-Col. Richard Loder, 1st Art.; Capt. Curtis E. Price, Asst. Surg.; Capt. Julius W. MacMurray, Edmund K. Russell, and Henry W. Hubbell, 1st Lieut. John Pope, Jr., and Frank S. Harlow, 1st Art., and 1st Lieut. Robert H. Patterson, 1st Art., J.-A. (S. O. 242, Oct. 11, Div. A.)

At Fort Hamilton, N. Y. H., Oct. 15. Detail: Major John Egan, Capt. E. Van A. Andrus, John W. Dullenback, and Richard G. Shaw, 1st Lieut. William P. Van Ness and David Price, and 2d Lieut. George W. Burr, 1st Art., and 2d Lieut. Delamere Skerrett, 1st Art., J.-A. (S. O. 243, Oct. 16, Div. A.)

#### Army Boards.

A Board of Officers of the Corps of Engineers, to consist of Capt. Dan C. Kinsman and Solomon W. Koesmer and 1st Lieut. John Miller, will assemble at Memphis, Tenn., to select the localities and apportion the funds for the construction of levees (S. O. 70, Oct. 11, C. E.)

A Board of Officers of the Corps of Engineers, to consist of Majors Alexander Mackenzie, Oswald H. Ernst, and Alexander M. Miller, will assemble at St. Louis, Mo., to report upon a project for improving the Mississippi River from the mouth of the Illinois River to the mouth of the Ohio River (S. O. 70, Oct. 11, C. E.)

#### FORT WOOD, N. Y. H.

THE erection of a double set of officers' quarters and a double set of non-commissioned staff officers' quarters has been commenced at Fort Wood, Bedford's Island, and Capt. Wetherill and Lieut. Webster expect to eat their Christmas dinner in their new quarters, which are to be constructed with all modern improvements. The garrison, Co. A, 6th U. S. Infantry, which arrived there from Fort Lewis, Colo., last August, numbering 40 men, has been recruited to 65, and it is soon expected the maximum number will be obtained.

(Correspondence of the Army and Navy Journal.)

#### WEST POINT, N. Y.

OCTOBER 14, 1890.

THE most fully-attended of the many afternoon teas, which form of entertainment has been of almost weekly occurrence during the present season, was that given by Mrs. Bass on Wednesday, Oct. 9. The residents of the post were well represented, all being "present or accounted for." In addition, a number of guests were present from the various county seats in the vicinity, from the hotel at the post, and from Cranston's. Mrs. Lundeen poured tea. Misses Michie, Newlands, and Hitch assisted in receiving the large number of guests, among whom were the following: Mr. and Mrs. Robert Stuyvesant, Miss Remsen, the Misses Alexander, and Mrs. M. T. Larned, from Cranston's; Mr. and Mrs. Charles Tracy, Miss Bigelow, Mrs. John A. Logan, Jr., and Mrs. Rufus F. Zerkow, the Rev. Dr. and Mrs. W. H. Thomas, Mrs. S. H. Roe, Miss A. Tolley, and Mr. and Mrs. Charles F. Roe, from Highland Falls; Mrs. H. W. Belcher and Miss Belcher, from Garrison; Mrs. Edward Kirkland, Mrs. Eugene T. Kirkland, Miss Margaret Anthon, the Misses Crane, Miss Palmer, Mrs. James Biddle, and the Misses Biddle, from the hotel at the post; Prof. and Mrs. Postlethwaite, Col. Mrs. and Miss Wilson, Prof. Mrs. and Miss Mitchell, Lieut. and Mrs. Carson, Lieut. and Mrs. Weaver, Lieut. and Mrs. Cameron, Lieut. and Mrs. Newcomb, Lieut. and Mrs. Johnston, Lieut. Edgerton, Lieut. Lundeen, Capt. and Mrs. Wood, Prof. Mrs. and Miss Andrews, Prof. and Mrs. Larned, Mrs. Derby, Miss McGinnis, Miss McCallie, Miss McMurray, Prof. Tillman, Lieut. Dods, Lieut. and Mrs. Hunter, Miss Berard, Capt. and Mrs. Saurin, Prof. and Mrs. Mercer, Prof. Clous, Lieut. and Mrs. Pettit, Lieut. Habbitt, Lieut. and Mrs. Bowman, Miss Reynolds, Lieut. and Mrs. Forsyth, Lieut. and Mrs. Brader, Lieut. and Mrs. Kernan, Lieut. Col. and Mrs. O. D. Greene, Lieut. and Mrs. Alvord, Lieut. and Mrs. Boughton, Lieut. and Mrs. Pratt, Lieut. and Mrs. Hoskins, Lieut. Sturges, Tate, Hubbard, Belinger, Freeman, Benson, Hardin, Jackson, Kuhn, Brooks, and Peeland, Wisser, Macomb, Noyes, Biddle, McIntyre, Mott, and Dr. Compton.

On Friday evening a meeting of the members of the "West Point Army Men" was held in Schofield Hall. In order to insure a full attendance it was decided to have the business meeting preceded by a dinner. Forty-eight members were present. Lieut. Wisser was re-elected treasurer. The names of Lieut. F. J. A. Darr and of Lieut. Springett were dropped from the roll of members.

No cadet entertainment took place on Saturday evening. A hop will probably be given on Saturday of the present week. Relatives of Cadets Edwards and Gishurst, of the 4th Class, spent Sunday at the post. Miss Mercer is a guest of Prof. and Mrs. Mercer. Miss Reynolds is visiting Lieut. and Mrs. Hodges. Miss Palmer is visiting Miss Crane. Miss McGinnis is a guest of Capt. and Mrs. Derby. Mr. and Mrs. Knight are guests of Prof. and Mrs. Michie. Lieut. W. H. Harts, Engineers, paid a brief visit to the Point last Saturday as the guest of Lieut. Benson.

Col. R. F. Hughes, Inspector, General's Department; Maj. D. N. Bash, Paymaster's Department; Lieut. C. H. McKinstry, Engineers; Capt. C. B. Sears, Engineers, and Mrs. Sears have been among visitors at the post.

Cards have been issued by Prof. and Mrs. Andrews for a dance on Thursday evening, Oct. 23, in Schofield Hall.

(Correspondence of the Army and Navy Journal.)

#### FORT SPOKANE, WASH.

OCTOBER 4, 1890.

COL. J. FORD KENT, 4th Inf., and family left Oct. 1 for their new station at St. Paul. Major Horace Neide, 4th Inf., and Miss Blanche Neide left last week. Miss Neide returns to Pottstown, Pa., and the major goes to San Francisco on recruiting service. Capt. Joseph Keefe, 4th Inf., recently transferred to Co. C, 4th Inf., with his family left Oct. 2 for Boise Bks., Idaho. Lieut.-Col. Frederick Mearns, 4th Inf., arrived Sept. 29 and assumed command on Sept. 30. 2d Lieut. John H. Wholley, 4th Inf., arrived this week.



from Boston, where he has been spending his graduating leave. Lieut. Whalley, is at present the guest of Lieut. and Mrs. Heimick. Major Wm. H. Nash, U. S. A., and Chief C. S. of the Department, was at the post on an inspecting tour last week. Major W. E. Waters, acting medical director of the Department, is also expected this week.

Corpl. G. A. Denmore, Co. H, 4th Inf. (late Co. K), winner of second place on the Army rifle team, was at the post this week en route to join his company at Fort Sherman. Mrs. Herman Kuch and Mrs. Francis Hollins, wife and mother-in-law of Hopt. Steward Herman Kuch, U. S. A., left on Oct. 4 for Fort Walla Walla, Wash., where they will spend the winter.

(Correspondence of the Army and Navy Journal.)

#### FORT MCINTOSH, TEX.

OCTOBER 12, 1890.

Mrs. WYETH, wife of Asst. Surg. H. C. Wyeth, has joined her husband and is now a pleasant addition to our dusty little garrison.

1st Lieut. F. O. Johnson, regimental Q. M., 3d Cav., is on a five days' leave of absence, taking in the San Antonio Fair. Drums and drills are held daily, Saturdays and Sundays excepted.

Farrier Herman Lang and Pvt. Wm. Murry, Troop G, 3d Cav., have been discharged by purchase of their discharges. More applications are expected soon to follow.

#### FORT LEAVENWORTH.

**THE Kansas City Times says:**

General Merritt has been made a member of the prison commission, as has Major Arthur McArthur, of the Adjutant General's Department. Both selections are excellent ones. Quartermaster-General Holabird is also a member. The board is now constituted, with the Secretary of War as ex-officio member, is made up of good material.

General Luther P. Bradley, late colonel 13th Inf., retired, is the guest of Capt. Wm. C. Barr, 13th Inf. The general is en route to the Pacific Coast. He is looking remarkably well, and appears to have not changed much in the past few years.

Lieut. and Mrs. Dudley have had as their guests during the week President J. B. Wright, of the Columbia National Bank of Lincoln, and wife, and Mrs. Yates, wife of the Superintendent of the Burlington and Missouri Telegraph System.

A number of bachelor officers occupy the quarters that have for so many years served as the home of the commanding officers of the post. Many of its occupants and their visitors are historical characters.

The hop given Oct. 7 by the enlisted men in the chapel building was a pleasant and enjoyable affair. Music was furnished by the 12th Infantry Band Orchestra.

A daughter of Band Leader Greisinger is quite ill with typhoid fever.

Gen. Merritt arrived Oct. 9 from St. Louis, accompanied by M. A. Merritt and his aide, Lieut. Brown.

Gen. Merritt was received at the depot by Col. Townsend and staff and the entire cavalry battalion of the post, commanded by Lieut.-Col. George B. Sanford.

G. B. Merritt is here as a member of the Prison Commission and to make a thorough inspection of the post. Both he and Mrs. Merritt are the guests of Col. and Mrs. Townsend.

Q. M. Gen. Batchelder, Col. Barr and Maj. MacArthur arrived later and were met at the depot by Capt. J. W. Pope, the commandant of the prison, who with Mrs. Pope tendered a reception to the distinguished members of the commission.

The family of Lieut. Eastman, 14th Inf., now visiting relatives at Tulon, Ill., is expected in about a week.

Lieut. Andrus, 5th Cav., is indeed a proud man just now. A re-joined recruit just arrived is the cause.

Dusan, of the Q. M. D., has received word from San Antonio that a son was born to his wife last week.

Lieut. Willis Uline, 12th Inf., a recent graduate, is a guest of Lieut. Barth, as is Lieut. Meyer, 4th Inf., the guest of Lieut. French.

En route to this point Private Martin, Co. A, 10th Inf., was left behind at We Kany by accident. He walked the entire distance of 30 miles, having but 35 cents when he started and 15 cents when he arrived and reported to his company commander. He claims to have maintained himself entirely on apples along the road, asking no one for food of any kind.

Capt. and Mrs. J. Worden Pope entertained in a most charming manner on Friday evening with an "at home" complimentary to the military prison commission from Washington and Gen. and Mrs. Wesley Merritt. Capt. and Mrs. Pope's receptions are always of high interest.

A brother of Major Jacob Kline, 24th Inf., is visiting the latter.

#### VANCOUVER BARRACKS.

**THE Vancouver Independent of Oct. 8 says:**

Gen. Gibson, Col. J. G. C. Lee, and 1st Lieut. L. A. Lovington returned Wednesday from San Francisco.

Lieut. C. H. Martin, 11th Inf., departed Friday for Carmi, Ill., his home on leave.

The numerous friends of Miss Lolo, daughter of Lieut. and Mrs. Goodwin, will learn with regret of her departure for New York City to complete her education. The train on which she was riding was derailed at Rock Springs, Wyo., but Miss Goodwin escaped unhurt.

The bachelor officers and citizens of Vancouver Barracks gave a delightful hop and german at the Garrison Hall on Wednesday evening. The patronesses were Mrs. Anderson, Mrs. Lydecker, and Mrs. Sumner. At 9:30 dancing began and was kept up, with short intermissions, until 11:30, when a delicious supper was served. Lieut. Hasbrouck and Miss Anderson led the german and at midnight the first figure was formed. Among those present were: Col. and Mrs. Anderson, Col. and Mrs. Lee, Major and Mrs. Lydecker, Major and Mrs. Ward, Major and Mrs. Burke, Capt. and Mrs. Birkinmeier, Capt. and Mrs. Mason, Capt. and Mrs. Tobey, Capt. and Mrs. Clark, Major and Mrs. Hosack, Lieut. and Mrs. Goodwin, Major and Mrs. Nash, Miss Lee, Miss Shaden, Miss Anderson, Miss Louise Trotter, Miss Nash, Miss Stout, Lieuts. Cabell, Martin, Lovering, Jones, Winston and Hasbrouck, Lieut. and Mrs. McCammon, and a host of others.

#### FORT SNELLING, MINN.

**A PRESS correspondent writes:**

Asst. Surg. A. M. Smith goes to Fort Assiniboine this week. Capt. Wm. Gerlach, 3d Inf., comes to Fort Snelling from Fort Meade. 2d Lieut. P. Murray, a graduate of this year, has reported.

Much interest is created by the attempt to recruit regimentally, this regiment (3d Infantry) being one on which the experiment is being tried. Although every effort has been made the plan has not, so far, been successful, as the regiment is now over 100 men, or one fifth of its strength, short.

Work is being pushed on the new buildings at the upper post, and quarters for eight companies will be ready for occupancy before December. Cos. C and F, 3d Infantry, are still in camp on Coneyunc River, S. D., where they have been since May.

#### FORT DOUGLAS, UTAH.

MAJOR J. N. ANDREWS, with the Fort Bridger companies of the 21st Infantry, has arrived.

Col. Blunt, now in New York on leave, is expected to return soon.

The 10th is doomed to leave in the spring, presumably to relieve the 3d at Fort Omaha. The 21st Infantry will likely come here.

Oct. 6 and 7 Recreation hall was crowded to overflowing with the cream of Fort Douglas to witness the rendition of the Mouicauit version of "Tip Winkie." The performance was given by the amateur dramatic company, assisted by the Meyer comedy company of Ogden.

#### FORT BRADY, MICH.

**A CORRESPONDENT writes:**

For the fifth time since May last Brady has undergone a change of commanders, and at present Capt. Geo. F. Towle, 19th Infantry, holds the reins.

The work of clearing the ground for the site of the new post is nearly finished, but until the question of water supply and sewerage have been settled it is not likely that anything further will be done. How to get water up the hill and how to carry off the waste are questions now agitating the public mind.

#### FORT SHERMAN, IDAHO.

**A PRESS correspondent writes:**

For two weeks three companies of infantry and one troop of cavalry have been in camp—called Camp Harrison—at Spokane Falls, going through the usual drills, parades and evolutions of a practice camp. Gen. Carlin, the colonel of the 4th Infantry, was in command. They return Oct. 9. The troops participated in the opening of the Exposition at Spokane Falls on Oct. 1, and in the celebration of the Grand Army reunion on Oct. 8, forming a very considerable feature of the exercises on both occasions.

#### FORT RILEY, KAS.

**THE Junction City Tribune says:**

There is a prospect of lively times at the post this winter. It is reported the young officers of the cavalry and artillery will organize a dramatic club and during the long winter months give several entertainments. There is nothing to prevent us from having one of the finest dramatic clubs in the service. The material is good and all that is required is some one to start the thing going. Lieuts. Nicholson, Brewer or Robinson might be induced to organize the club as each of them has had experience.

#### FORT THOMAS, KY.

Lieut. B. A. BYRNE, 6th Inf., has gone to Columbus Bks. to conduct recruits to the 5th Artillery to the Pacific Coast. Lieut. E. F. Taggart, 6th Inf., has gone to Plattsburgh Bks., and Lieut. H. H. Sandholtz to Fort Ontario for temporary duty.

#### ARMORED HARBOR DEFENCE RAM.

The following are the principal features of the twin-screw, armor-plated harbor defence ram upon the design of Rear Admiral Ammen, authorized by the Act of March 2, 1889, plans for which have been completed by the Navy Department:

Length overall, 243 feet; length on load water line, 242 feet, 9 inches; breadth, extreme, 43 feet, 5 inches; breadth on water line, 41 feet, 10 inches; draught amidships, 15 feet; displacement, 2,050 tons; indicated horse power, 4,800; speed, 17 knots an hour.

The vessel is designed upon the longitudinal and bracket system, with an inner bottom extending from the collision bulkhead to the stern. The longitudinal and girders supporting the deck are to be continuous, converging to the stern casting and to the stern, the frames and beams to be intercostal. The depth of longitudinal and vertical keel throughout their length is to be 24 inches, the girders supporting the armored deck to be 15 inches. The vertical keel two longitudinal and armor shell on each side of the vertical keel are to be water-tight, forming transversely six compartments, which will be divided longitudinally by water-tight frames. By this means the space between the inner and outer skin is subdivided into 72 compartments. The transverse and longitudinal bulkheads between the inner skin and the deck armor divide this space into 30 compartments, making a total of 102 compartments in the vessel.

The vessel is to be provided with a removable wrought steel ram head, to be accurately fitted and securely held in position in the cast steel stem.

The outside strake of the deck armor is to be 6 inches in thickness; the next strake inward to taper in thickness from 5 1/2 to 2 1/2 inches; the remainder of the deck plating to be 2 1/2 inches in thickness, including the lower course of plating; the side armor to be two strakes in depth, the upper six inches thick and the lower three inches, to be secured by bolts with counter sunk heads driven from the outside through wood backing of yellow pine and two backing plates, each weighing 20 pounds per square foot and set up with nuts on rubber washers. All hatches through the armored deck are to have battle plates and the smoke pipe and ventilators are to have inclined armor 6 inches in thickness. The conning tower is to be 18 inches in thickness.

The ward room is on the after berth deck. Just abaft the officers' quarters is a berthing space for a portion of the crew, and the entire forward berth deck is designed for the crew.

The engines are triple expansion of the horizontal type, each engine being in a separate compartment. There are four cylindrical, horizontal fire tube boilers placed in two water-tight compartments. The engines are to develop 4,800 horse-power under forced draught, with a corresponding speed of 17 knots.

There will be a complete installation of electric lights sufficient for lighting all parts of the vessel, arranged in duplicate so that in case of accident the drainage system is to be so arranged that any compartment can be pumped out by the steam pumps. The vessel is to be submerged to fighting trim by means of 14 valves, one in each transverse water-tight compartment of the double bottom; and service valves will be fitted in the vertical keel and in the water-tight longitudinal in these compartments. The foul air to be exhausted from all parts of the vessel by means of blowers in the engine fire rooms. The fresh air is to be supplied from the main ventilator through air ducts laid along the under side of the deck forward and aft.

The only projections above the armor deck are the conning tower, smoke pipe, ventilators, hatch combings and stid beams upon which the boats are supported. The vessel has no armament, as she is to rely entirely upon ramming for her defensive powers.

CONGRESS has been very liberal to the officers' widows in placing them on the pension rolls. The highest sums paid are to the widows of Presidents, of whom there are three living—viz.: Mrs. Polk, Mrs. Garfield, and Mrs. Grant, each receiving a pension of \$5,000 a year. Here is a list of the officers' widows who are receiving under the new laws the sums stated:

Name.	Rank of Husband.	Amount.
Mrs. George H. Thomas.....	Major-General.....	\$2,000
Mrs. Winfield S. Hancock.....	Major-General.....	2,000
Mrs. John A. Logan.....	Major-General.....	2,000
Mrs. Francis P. Blair.....	Major-General.....	2,000
Mrs. Philip H. Sheridan.....	General.....	2,000
Mrs. John C. Fremont.....	Major-General.....	2,000
Mrs. George B. McClellan.....	Major-General.....	2,000
Mrs. George Crook.....	Major-General.....	2,000
Mrs. James Shields.....	Brigadier-General.....	1,500
Mrs. Samuel McIntzleman.....	Major-General.....	1,500
Mrs. David McDougal.....	Rear-Admiral.....	1,500
Mrs. E. O. C. Ort.....	Major-General.....	1,500
Mrs. Robert Anderson.....	Brigadier-General.....	1,500
Mrs. Geo. I. Stannard.....	Major-General.....	1,500
Mrs. Gabriel R. Paul.....	Brigadier-General.....	1,500
Mrs. James B. Ricketts.....	Brigadier-General.....	1,500
Mrs. J. W. A. Nicholson.....	Rear-Admiral.....	1,500
Mrs. Louis H. Rousseau.....	Brigadier-General.....	1,500
Mrs. John F. Hartman.....	Brigadier-General.....	1,500
Mrs. Rowen Jones.....	Colonel.....	1,500
Mrs. G. K. Warren.....	Major-General.....	1,500

#### THE NAVY.

BENJAMIN F. TRACY, Secretary of the Navy

#### NAVAL VESSELS IN COMMISSION.

WHEN AND WHERE LAST HEARD FROM.

**N. At. Station.—R-Adml. Bancroft Gherardi.**

PHILADELPHIA, 1st rate, 12 guns (flagship), Capt. Frederick Rodgers. Anchored off Tompkinsville, S. I., Oct. 5. The Philadelphia will remain here about two weeks to have her electric plant and wiring finished. The Inspection Board will then take her on a trial trip, and after that she may go to Philadelphia to have her famous clock wound up.

KEARSARGE, 3d rate, 7 guns, Comdr. H. Elmer. Sailed Sept. 4 for Colon, U. S. Columbia, Aspinwall and the coast of Central America. Arrived at Colon Sept. 16.

DOLPHIN, 3d rate, 4 guns. Comdr. Yates Stirling. At New York Navy-yard. Will undergo some repairs.

PETREL, 4th rate, 4 guns. Lieut. Comdr. W. H. Brownson. At Tompkinsville, N. Y. Harbor.

ENTERPRISE, Comdr. G. A. Converse. Arrived at Tompkinsville, Oct. 11. Expects to sail south next week.

**Squadron of Evolution.—Acting Rear Admiral John G. Walker.**

CHICAGO, flagship, 1st rate, 14 guns, Capt. H. B. Robeson. At New York Navy-yard for repairs.

ATLANTA, 2d rate, 8 guns, Capt. John A. Howell. Arrived at Norfolk, Sept. 22, for repairs. Will be ready for sea in about three weeks.

YORKTOWN, 3d rate, 6 guns. Commander F. E. Chadwick. At Navy-yard, New York, Sept. 28.

BOSTON, 2d rate, 8 guns, Captain J. O'Kane. At Navy-yard, New York, for repairs.

**S. At. Station.—Rear Admiral W. P. McCann.**

Mails for Pensacola, Tallapoosa and Essex should be addressed to the care of the U. S. Consul, Rio de Janeiro, Brazil, or care of B. F. Stevens, 4 Trafalgar Square, London, unless otherwise noted.

PENSACOLA, 2d rate, 16 guns (flagship), Captain Albert Kautz. Sailed from New York Sept. 1 for Montevideo. Will touch at Madeira and probably the Cape Verde Islands en route. Was at Funchal, Madeira, Sept. 18, as per cable. Address mail same as noted above.

TALLAPOOSA, 3d rate, 6 guns, Comdr. James M. Forsyth. At Buenos Ayres at last accounts.

ESSEX, 3d rate, 6 guns, Comdr. A. E. Snow. Sailed from New York for Bahia, Brazil, Aug. 16. Arrived at latter place Oct. 2, as reported by cable.

**Pacific Station.—Actg. Rear Adml. Geo. Brown.**

Address all mail (unless otherwise noted) for the present to Navy Pay Office, San Francisco Cal.

CHARLESTON, 2d rate, 10 guns, flagship, Capt. G. C. Remey. Arrived at Honolulu Sept. 10.

INOQUOIS, 3d rate, 7 guns, Comdr. Joshua Bishop. At Honolulu Sept. 7.

MOHICAN, 3d rate, 10 guns, Commander E. M. Shepard. At Auckland Sept. 8.

NIPISIC, 3d rate, 6 guns, Comdr. Felix McCurley. Left Honolulu Sept. 9 and arrived at San Francisco Sept. 30 with all on board well. Ordered out of commission Oct. 14. Her officers have not yet been detached, and it will be several days yet before she goes out of service. Will be surveyed and probably condemned.

PINTA, 4th rate, 4 howitzers. Lieut.-Comdr. O. W. Farenholt. At Sitka, Alaska.

**Asiatic Station.—Rear Admiral G. E. Belknap.**

Mails should be addressed, Yokohama, Japan, unless otherwise noted.

ALLIANCE, Commander H. C. Taylor. Left Amoy, At Kobe, Japan, Aug. 27.

MONOCACY, 3d rate 6 guns. Comdr. M. L. Johnson. At Chefoo, China, Aug. 25.

OMAHA, 2d rate, (flagship), 12 guns, Captain B. J. Cromwell. At Yokohama, Japan, Aug. 8. Will be ordered early next year to San Francisco, Cal., for repairs.

PALOS, 4th rate, 7 howitzers. Lieut. Thos. S. Phelps, temporarily commanding. Arrived at Chemulpo, Korea, Aug. 28.

SWATARA, 3d rate, 8 guns, Comdr. P. H. Cooper. At Chemulpo, Korea, Aug. 8. Will return to Mare Island, Cal. She will probably reach there during the latter part of November.

#### Apprentice Training Squadron.

JAMESTOWN, 12 guns Comdr. B. P. Lamberton. Address mail to care Navy-yard, N. Y. Arrived at New York Oct. 6.

PORTSMOUTH, 12 guns, Comdr. John Schouler. Arrived at New York from Plymouth, Eng., Oct. 2.

RICHMOND, 2d rate, 14 guns, Captain O. F. Stanton. At Newport, R. I., where she has taken the place of the New Hampshire (receiving ship for boys). Her crew will be transferred to vessels in the North Atlantic Squadron.

YANTIC, 3d rate, 4 guns, Comdr. Chas. H. Rockwell. At Navy-yard, New York.

MINNESOTA, 19 guns, Capt. G. C. Wiltse. Receiving ship for boys. At present at the Brooklyn Navy-yard, N. Y.

#### On Special Service.

#### AND AWAITING ASSIGNMENT.

BALTIMORE, 1st rate, 10 guns, Captain W. S. Schley. At Copenhagen Oct. 16.

CUSHING, Torpedo Boat. Lieut. C. McR. Winslow. At Navy-yard, New York.

DESPATCH, 4th rate, Lieut. Wm. S. Cowles. Conveyed the Count of Paris and party to Mount Vernon, Oct. 8.

FORTUNE, tug, Lieut. Comdr. A. J. Iverson. Vessel engaged in carrying freight between the several Navy-yards. At Newport Oct. 9.

MICHIGAN, 4th rate, 6 guns, (2 howitzers and 2 gathings). Commander Geo. H. Wadleigh. At Detroit Oct. 2.

NEW HAMPSHIRE, 8 howitzers, Receiving Ship for



boys. Towed to New London, Ct., Oct. 12, where she will remain during the winter for the purpose of freezing out the typhoid fever germs. During her stay here complement will consist of Boatswain Hugh Sweeney, Carpenter S. H. Maloon, Sailmaker John A. Long and 18 men.

RANGER, 8d rate, 1 gun. Lt.-Comdr. G. C. Reiter detached and ordered to report his arrival to the Secretary of the Navy. Comdr. Geo. E. Wingate ordered to command her per per steamer of Oct. 10. Cruising on the coast of Salvador and Guatemala. At Acapulco Aug. 22.

THETIS, 8d rate, 2 machine guns. Lieut. Comdr. Charles H. Stockton. Arrived at Acapulco Sept. 22. Mail address care Navy Pay Office, San Francisco, Cal.

VESUVIUS, dynamite cruiser, Lieutenant Seaton Schroeder comdg. Off Tompkinsville, S. I., New York Oct. 16.

Completed her trials at Newport, R. I., Oct. 13. She went outside and performed her turning manœuvres at a speed of 12 and 14 knots, and at full speed with natural and forced draughts. Results not computed. She also adjusted her compasses.

SARATOGA, Comdr. F. M. Green, nautical school-ship of Pennsylvania. At Philadelphia.

ST. MARY'S, sails, 8 guns, Comdr. A. S. Crowninshield. N. Y. Public Marine School. At anchor in the East River, opposite the foot of 31st street.

#### Receiving Ships, Iron-Clads, Etc.

DALE, Comdr. Wm. Bainbridge-Hoff. Receiving Ship. Navy-yard, Washington, D. C.

FRANKLIN, 30 guns, Capt. A. P. Cooke. Receiving ship. Navy-yard, Norfolk, Va. Capt. John F. McGlensy has been ordered to command on Sept. 15.

INDEPENDENCE, 7 howitzers. Captain Byron Wilson. Receiving ship. Navy-yard, Mare Island, Cal.

PHLOX, Naval Academy Tug. Mate B. G. Perry in command. Annapolis, Md.

ST. LOUIS, sails, Captain E. C. Merriman, Receiving ship. Navy-yard, League Island, Pa.

VERMONT, 1 gun. Capt. L. A. Beardslee. Receiving ship. Navy-yard, New York.

WABASH, 30 guns, Captain E. O. Matthews. Receiving ship. Navy-yard, Boston, Mass.

The armor-clad *Ajazz*, *Catskill*, *Canonius*, *Lehigh*, *Manhasset*, *Manhattan* and *Wyandott*, in command of Comdr. J. D. Graham, are laid up near Richmond, Va. P. O. address, Richmond, Va.

#### VARIOUS NAVAL ITEMS.

A SPANISH NAVAL BOARD, after examining the official reports and other papers relating to Lieut. Peral's electric submarine vessel, has decided to advise the Government to construct an improved boat.

JNO. R. CARMODY, secretary and treasurer of the Jeannette Monument Committee, informs us that the subscription list is closed. Mr. James Gordon Bennett has generously sent his check to make up the deficit. The unveiling ceremonies will take place as soon as proper arrangements can be made.

By the launch of the *Sardagna*, at Spezia, another magnificent battleship has been added to the Italian Navy. She is a sister ship to the *Ré Umberto*, built of steel, with 18 inches of compound armor on her barbettes, a length of 400 feet, breadth 78 feet 9 inches, tonnage 13,251, and is expected to attain a speed of 19 knots. When fully equipped she will carry four 67-ton breechloading Armstrong guns, eight 15-centimetre and six 12-centimetre ditto, and ten quick-firing and machine guns. Her cost will be one million sterling.

THE London *Army and Navy Gazette* says: "Although the naval authorities are not wholly satisfied with the armor-plate trials in America, they have requested the War Office to make experiments at Shoeburyness. Targets faced with compound armor, with steel alone, and with steel in which nickel and aluminium has been introduced, are to be made at Chatham for these trials. Many naval officers, however, are inclined to put faith in the American trials, especially as they were conducted by officers of the U. S. Navy; but much will of course depend upon fuller reports by British experts. In any case, say the champions of compound armor, it has yet to be proved which will best stand the crushing effect of huge projectiles."

Engineering says: "With reference to the remarks on submarine boats which appeared in a recent issue, a correspondent informs us that the *Nordenfjeld* went to grief off the coast of Jutland, going ashore in heavy weather when on her way from England to Cronstadt. She sank, but was refloated and taken into port; but in spite of all that could be done she was found unusable, and has been condemned to be broken up. The vessel was to have made a series of experiments off the Russian port under the auspices of the Russian naval authorities, the Government having arranged with the builders to adopt the model of the *Nordenfjeld*, if she proved satisfactory, for the Russian Navy. The trials of the *Nordenfjeld* in this country are understood to have been highly satisfactory both as regards her ability in manœuvring and seaworthiness. Defects in the latter capacity were the principal reasons which led the Spanish naval authorities to refuse to adopt the model of the submarine vessel the *Peral*, from which so much was expected at one time."

Broad Arrow in commenting on the result of the armor tests at Annapolis says: "Our American cousins have, they say, discovered that our system of compound armor plating is comparatively worthless. Experiments made at Annapolis show that our compound plate miserably failed, while the French armor plate of nickel-steel proved victorious. \* \* \* Our correspondent goes so far as to suggest that the trials of the armor plates inflict 'a blow upon British naval supremacy.' It is quite possible that the compound plate has comparatively failed to resist penetration with a specially designed projectile, and if so, the matter must be speedily looked into by the Admiralty and War Office authorities. No doubt it

is comforting to a nation having no battleships to learn that a great many battleships possessed by a neighbor are not absolutely perfect. It has long been an argument with certain clever people that we should abstain from building a fleet of armor-clads until the perfect armor-clad is designed. However, we prefer a navy of imperfect ships to waiting until perfection is reached, be it in armor plates, guns, or anything else."

SINCE awarding the contracts for the three new battleships on the alternative plans proposed by the Cramps, Secretary Tracy has determined to still further modify their plans. The vessels will be lengthened 16 feet instead of 12, as was proposed by the Cramps. Without increasing the draft or beam this will give 700 tons more displacement than the department plans, bringing the total normal displacement up to 10,100 tons, and with the coal bunkers completely filled and full supplies of stores and ammunition the total displacement will be over 11,000 tons. The 700 tons additional displacement will be utilized in increasing the battery and the armor. Four more 8 inch guns are to be added to the battery of each ship by mounting two guns in each of the four turrets instead of one. The armor protection of the 8-inch guns is to be increased from six inches to ten inches in thickness. The protection to the 6-inch rapid-fire guns is to be increased from four inches to five, and the maximum thickness of the side armor, 18 inches, is to be carried down 12 inches below the water line, instead of six, before it begins to gradually taper off to 10 inches in thickness. A readjustment of the contract price of these vessels has been made necessary by the increase in their length, and consequently Cramp and Sons will receive \$3,063,333 for each of the vessels they are to build, instead of \$3,020,000, and the Union Iron Works will receive for the other one \$3,223,333 instead of \$3,180,000.

#### NAVY GAZETTE.

##### Ordered.

Oct. 15.—Lieutenant Walton Goodwin and Lieutenant (Junior Grade) A. E. Culver, to examination for promotion.

Oct. 16.—Ensigns A. L. Norton and C. B. Brittain, to the Atlanta.

Ensigns L. H. Chandler and J. F. Hubbard to the Portsmouth.

Ensigns S. F. Robinson and C. F. Hughes, to the Boston.

Ensign M. L. Miller, to the Jamestown.

Surgeon Howard Smith, to appear before Retiring Board.

##### Detached.

Oct. 9.—Naval Cadets T. F. Ruhm, M. M. Taylor, C. S. Radford and Cleland Davis, from the Richmond and ordered to the Enterprise.

Oct. 11.—1st Lieutenant Thomas N. Wood, U. S. M. C., from the Richmond and ordered to duty at the Marine Barracks, Boston, Mass.

Oct. 14.—Ensign Marbury Johnston, from the Albatross, Oct. 9, and granted three months' leave.

Assistant Engineer W. H. P. Creighton, from duty at Purdue University, Lafayette, Ind., and ordered to report to Senior Inspector of Machinery for duty in connection with the Newark.

Oct. 15.—Lieutenant George H. Peters, from the Richmond and ordered to the Dolphin.

Lieutenant Herbert Winslow, from the Richmond and ordered to the Boston.

Lieutenant John O. Nicolson, from the Richmond and ordered to training ship Jamestown.

Ensign Hugh Rodman, from duty at Bureau of Equipment and ordered to Naval Observatory.

Surgeons George A. Bright and Joseph G. Ayers, from temporary duty at the Naval Academy and placed on waiting orders.

Passed Assistant Surgeon George P. Lumaden, from the Boston and granted three months' leave.

Passed Assistant Surgeon E. W. Auzal, from the Naval Academy and ordered to the Boston.

Oct. 16.—Ensign A. H. Dana, from the Richmond and ordered to the Jamestown.

Boatswain X. Perrimond, from the Navy-yard, New York, and ordered to the Fortune.

##### Resigned.

Passed Assistant Engineer H. W. Spangler, to take effect Oct. 11, and granted leave until that date.

#### MARINE CORPS.

1st Lieutenant Charles A. Doyen, from the Nipsic and ordered to Marine Barracks, Mare Island, Cal.

#### FIFTY-FIRST CONGRESS—FIRST SESSION.

Although the Services, especially the Army, is well represented in the list of laws enacted by the session of Congress recently closed, there are still many important measures remaining on the calendars of the two Houses that ought to receive attention during the coming session. As a rule, little is accomplished during short sessions beyond the passage of the regular appropriation bills, but considering the advanced stage of progress of several important Army and Navy measures there is some reason to hope that the coming short session will prove an exception. The artillery increase bill is the most important of the Army measures awaiting action. The members of the Senate Military Committee have promised to do their utmost to get it before the Senate, and if once taken up will in all probability go through. It has been decided to withdraw the three battalion for infantry feature in case it is found that this amendment made by the Senate Committee stands in any way of the passage of the bill, but Senator Manderson is still hopeful that the Senate will be as favorable to this feature as it was two years ago when it passed a bill of the same purport. Among other Army bills that would seem to stand a good chance of being enacted into laws during the present session by reason of their having already passed one or the other of the Houses are those which have passed the House and are now pending in the Senate, providing for the enlargement of Plattsburgh Bk., N. Y.; for inserting the names of sharpshooters and military riflemen in the Army Register; for the appointment of boards of review in certain cases, and those which

have passed the Senate and are now pending in the House providing for the revival of the grade of lieutenant-general, to increase the number of officers for college duty, to increase the pay of privates of the Hospital Corps, for the purchase of land for a military post at Eagle Pass, Texas; for the construction of military buildings at Omaha, Nebraska.

The Navy bills that are far enough advanced to warrant a hope of their final passage are those which have passed the Senate and are pending in the House providing for the improvement of the enlisted force of the Navy, and for the relief of the sufferers by the wreck of the *Tallapoosa*. The only important naval bills that have passed the House and are awaiting the action of the Senate, are those prohibiting the enlistment of aliens, and for the transfer of the Revenue Marine Service to the Navy Department. On account of the embarrassment the Navy would encounter in manning the new ships by the passage of the former bill if passed in its present shape, and of the opposition by Senator Sherman and several others to the latter, it is by no means certain that either of these measures will be passed. Should it come to a vote on the Revenue Marine bill, however, there is little doubt that it will go through. The following is a list of the Army and Navy bills on the House calendar:

H. R. 474, for the transfer from the limited to the unlimited retired list of those officers who have reached 61 years of age.

H. R. 3887, for the erection of a monument to the memory of the victims of prison ships at Fort Green, Brooklyn.

H. R. 7493, to increase the pay and allowance of officers after 20 years continuous service in one grade.

H. R. 521, for the reconstruction of the military post at Jefferson Barracks, Mo.

S. 378, to increase the pay of privates of the Hospital Corps.

H. R. 5151, to promote the efficiency of the militia.

S. 3050, for the purchase of land for a military post at Eagle Pass, Tex.

H. R. 671, for additional quarters and a hospital at Columbus Bk., Ohio.

H. R. 5154, authorizing Pneumatic Gun Carriage Company to build a siege gun and disappearing siege carriage.

H. R. 480, for the payment of a bounty of \$100 to soldiers who enlisted in the military service of the United States under the act of July 22, 1861, and who were discharged by reason of surgeon's certificate of disability, or for promotion, before the expiration of two years, and who have not received \$100 bounty.

H. R. 5638, for a Veterinary Corps.

H. R. 51, to define the line of the Army and increase its efficiency.

H. R. 6944, to reorganize the band of the Military Academy.

H. R. 3368, to create a corps of chaplains and to define their duties.

S. 543, to present medals to "forlorn hope storming party," of Fort Hudson.

S. 2542, to continue and operate military telegraph lines between Alpena, Mich., and Middle and Thunder Bay Islands, Lake Huron.

S. 376, for purchase of a lot in St. Augustine, Fla., or military purposes.

S. 3080, for the construction of a military storehouse and offices at Omaha, Neb.

H. R. 58, for rearrangement of grades in the subsistence department.

H. R. 7974, to establish and define U. S. seacoast and frontier reserve.

H. R. 9001, to define standing of contract surgeons during the war.

H. R. 6964, to define standing of officers of Coast Survey during the war.

H. Res. 162, rescinding resolution authorizing construction of a hotel at Fort Monroe.

H. R. 11,567, for relief of telegraph operators during the war.

H. R. 12,111, appropriating \$100,000 for military exploration in Alaska.

H. R. 479, for the establishment of a military and naval museum.

H. R. 5413, for the retirement of a certain class of officers in the Navy.

H. R. 5301, for the retirement of mates.

S. 339, to promote the efficiency of the enlisted force of the Navy.

The following is a list of the Army and Navy measures on the Senate calendar:

S. 33, for repair of Fort Marion, Fla.

S. 538, to further increase naval establishment.

S. 721, to give Philip C. Johnson a commission of rear admiral.

H. R. 6944, for transfer of Revenue Cutter Service.

S. 74, to provide for fortifications and other seacoast defenses.

S. 1260, for the establishment of a gun factory on the Pacific Coast.

S. 1753, to relieve certain appointed or enlisted men of the Navy from the charge of desertion.

S. R. 39, accepting battle record of Capt. S. C. Reid, etc.

S. 308, for the retirement of mates of the Navy.

S. 192, for the appointment of a board of trustees for the Naval Academy.

S. 960, for the retirement of a certain class of officers in the U. S. Navy.

S. 2540, limiting appointment of civil engineers.

S. 3508, for purchase of a portrait of Capt. S. C. Reid.

H. R. 5104, prohibiting the enlistment of aliens in the Navy.

S. 1929, for the relief of widow of Surgeon-General J. C. Palmer, U. S. N.

S. 501, for relief of Lieut.-Col. M. P. Small.

S. 2701, for retirement of those officers who served a full term as chief of bureau, with rank of commodore.

S. 3278, to increase the pay of the chief clerk of the Bureau of Provisions and Clothing.

H. R. 5868, for the reorganization of the artillery force of the Army.

S. 200, for establishment of a naval drydock at Algiers, La.

S. 86, to increase pay of chaplains (reported adversely).

S. 718, to make the Commissioner of Fish and Fisheries an officer of the Navy Department (reported adversely).

S. 83, to reduce time of service necessary for retirement of enlisted men from 30 to 25 years (reported adversely).

#### HONOLULU ITEMS.

THE *Paradise of the Pacific* says: "Sept. 8, the Hon. H. A. and Mrs. Widemann entertained at dinner Mr. John Corwine, paymaster of the *Nipsic*, and Mrs. Corwine. Miss McGrew gave a farewell dinner to the officers of the *Nipsic*, at the residence of her father, Dr. J. S. McGrew, Sept. 8. The following couples sat down beneath the 'homeward-bound pennant' of the *Nipsic*—which farewell emblem of the ship graced the dining room on this happy occasion: Miss McGrew and Mr. Browne, of the *Nipsic*; Miss Barnard and Mr. Seymour, of the *Nipsic*; Miss Severance and Dr. Henneberger, of the *Iroquois*; Miss Brown and Mr. Miller, of the *Nipsic*; Miss Neumann and Mr. Jones, of the *Nipsic*; Miss Whitney and Mr. Valentine, of the *Acorn*; Miss L. Neumann, of the *Iroquois*. All the surroundings were such as to impress upon the departing *Nipsic* officers a feeling of the most sincere friendship and appreciation for the many courtesies extended to them by their fair hostess of the evening."



**BLACK, STARR & FROST.**  
SUCCESSORS TO  
**BALL BLACK & CO.**  
Fifth Avenue, Cor. 28th Street.

DIAMONDS, AMERICAN AND FOREIGN,  
WATCHES, JEWELRY, STERLING SILVER  
AND PLATED WARE, CLOCKS, BRONZES  
AND FANCY GOODS. Will give SPECIAL  
ATTENTION to ALL ORDERS BY MAIL; also  
FOR GOODS OUTSIDE OF OUR LINE.

BLACK, STARR & FROST have models of the  
West Point Class Rings for many years, and can  
supply duplicates (in case of loss) at short notice.

**Fine Wines, Havana Cigars,  
Fancy Groceries.**

**ACKER MERRALL & CONDIT**  
27th STREET & 6th AVE.; BROADWAY & 42d STREET.  
130 Chambers St., New York.  
Orders by Mail will receive prompt attention.

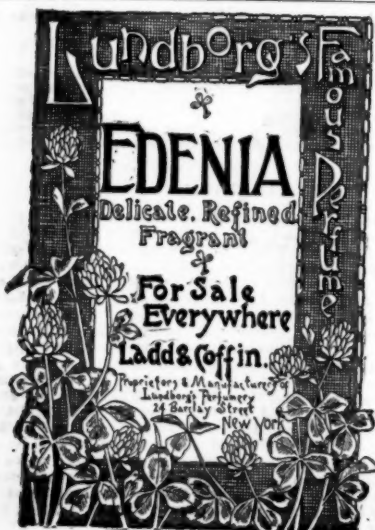
**H. B. KIRK & CO.**  
CAN SUPPLY  
For the Sick-Room,  
For Grand Dinners  
For Family Use,  
**RELIABLE WINES AND LIQUORS**  
THAT ARE WELL MATURED. ALSO MEDIUM AGES.  
Sole Agents for the PLEASANT VALLEY WINE CO.  
Sole Agents for the INGLENOOK WINES, NAPA, CAL.  
Bottled only at the Vineyard. Well matured wines.  
No other House can furnish "OLD CROW RYE."  
We sell no imitation or compounded goods.  
60 FULTON STREET. 9 WARREN STREET.  
BROADWAY AND 27th ST. ESTABLISHED 1853.

**KEEP'S SHIRTS**  
MADE TO MEASURE, 6 FOR \$9.00.  
None better at any price. These shirts have won their way  
into nearly every town and city of the Union by their su-  
perior fit, style, workmanship and durability. We have  
everything pertaining to MEN'S FURNISHING GOODS,  
and the largest establishment of this kind in New York.  
Send for catalogue. Established 25 years.  
**KEEP MANUFACTURING CO.**  
809 and 811 BROADWAY, New York.  
Branch Store: 114 TREMONT ST., BOSTON.

**SLOAN'S SHIRTS**  
ARE WITHOUT A DOUBT THE BEST SHIRTS MADE  
for the price, as THOUSANDS OF TESTIMONIALS from  
ARMY AND NAVY Officers will prove them to have worn  
and given better satisfaction than any other shirt they had  
ever purchased. Catalogue and samples mailed free.  
**SLOAN MANUFACTURING CO.,**  
775 BROADWAY, N. Y.

**CALIFORNIA VINTAGE CO.**  
21 Park Place, N.Y.  
Geo. Hamlin, Pres. Chas. Rouse, Treas.  
CHOICEST OLD CLARETS, WHITE WINES, &c.  
Send for Price-Lists.

(Est. 1852.) **F. W. DEVOE & CO.,** 101 FULTON ST., NEW YORK.  
**ARTISTS' MATERIALS**  
OF EVERY DESCRIPTION.  
Illustrated Catalogues on request. Correspondence invited  
**OFFIN DEVOE & CO. 176 Randolph St. CHICAGO.**



### MAGNOLIA METAL

Indorsed by the United States and German Governments.

**BEST ANTI-FRICTION METAL**  
For Steamship, Car and all Machinery Bearings.  
**MAGNOLIA ANTI-FRICTION METAL COMPANY,**  
Owners and Sole Manufacturers.  
74 Cortlandt St., N. Y. London Office, 75 Queen Victoria St.  
Chicago Office: 41 Traders' Building.

### MT. DE CHANTAL,

Near Wheeling, W. Va.

[UNDER THE CARE OF THE SISTERS OF THE VISITATION  
B. V. M.]

FULL ENGLISH, MATHEMATICAL AND  
CLASSICAL COURSE.

Musical Department especially noted.

LOCATION UNSURPASSED FOR BEAUTY AND HEALTH.

For Catalogue and references to Officers of the Army and  
patrons in all the principal cities. address

THE DIRECTRESS.

### DRY STEAM

Always obtained from our improved vertical boiler.  
"Perfect circulation and dry steam."—Prof. R. H.  
Thurston. "Would not do without your improvement  
in a boat boiler."—Herman Westinghouse.  
**B. W. PAYNE & SONS, Elmira, N. Y.**

### C. A. CAPPA'S

7th Regiment Military Band of Sixty Pieces  
and Orchestra  
Furnish Music for all occasions.  
25 UNION SQUARE, New York City.

WE MAKE A SPECIALTY OF SECURING FIRST-  
CLASS INVESTMENTS FOR OFFICERS of the ARMY  
and NAVY: deal in Railway, Municipal Gas and Electric  
Light bonds, bearing 6, 7 and 8 per cent. interest; also deal  
in first-class Bank Stocks, and make a specialty of Electrical  
stocks, some of which pay dividends of from 8 to 80 per  
cent. per annum.  
We can refer intending purchasers to many officers in  
the Army and Navy for whom we have made investments,  
some of whom have made enormous profits the past year.  
We will buy securities for officers of the Army and Navy on  
monthly payments.  
For further particulars address

### CATHCART & CO.,

BROKERS AND INVESTMENT BANKERS,  
PIONEER PRESS BLDG., ST. PAUL, MINN.

### ARMY AND NAVY JOURNAL.

PUBLISHED EVERY SATURDAY.

(ESTABLISHED 1863.)

NEW YORK, SATURDAY, OCTOBER 18, 1890.

Office No. 240 Broadway, New York.

No attention is paid to anonymous communications, but  
the wishes of contributors as to the use of their names will  
be scrupulously regarded.

Subscriptions, \$5 a year, and pro rata for a less period. In  
clubs of five, \$4; clubs of ten or more, \$3. Subscriptions  
may be made through the Purchasing Department of the  
American Express Company at any place where that Com-  
pany has an agency. Agents will give a money order  
receipt for subscriptions, and will forward the money order  
attached to an order to send the paper for any stated time,  
free of any charge, except the usual fee for issuing the  
order.

Postage within the United States prepaid. Foreign post-  
age, \$1.00 per annum, should be added to the subscription  
price.

Remittances should be made by express money order,  
post-office order, check, or draft, made payable to W. C.  
and F. P. Church. Postmasters are obliged to register  
letters if requested. No responsibility is assumed for sub-  
scriptions paid to agents, and it is best to remit direct to the  
office.

The date when the subscription expires is on the Address-  
Label of each paper, the change of which to a subsequent  
date becomes a receipt for remittance. No other receipt is  
sent unless requested.

Change of address will be made as frequently as desired,  
upon notification; not otherwise, as the changes announced  
in the orders published in the JOURNAL furnish no author-  
ity for changing the address of the paper. Both the old and  
new address should be given.

We should be very glad to learn from any of our subscrib-  
ers of any delay or failure to receive the JOURNAL, so that  
we may give the matter our immediate attention.

W. C. and F. P. CHURCH, Proprietors,  
Cable address: 240 Broadway, New York.  
ARMYNAVY.

THE Navy Department is finding it necessary,  
owing to the demand for more engineers on the new  
vessels, to keep these officers at sea for several  
months in excess of the usual period of three years.  
Passed Assistant Engineer Roelker, whose time is  
now out on the *Albatross*, has been informed that  
he must remain in his present place until January  
next. He will then be succeeded by Passed Assist-  
ant Engineer Canaga, who is now on college duty.  
It was decided some time ago to withdraw all en-  
gineer officers from colleges as fast as their terms  
expire, in order that there might be more officers  
available for the new ships, but even with these de-  
tails out of it is said there will not be enough to go  
around.

### NAVAL TRAINING.

THE last number of the Proceedings of the Naval  
Institute contains an extremely interesting paper  
on Naval Training, by Rear-Admiral Luce, the  
President of the Institute. The admiral takes the  
ground that the recently built cruisers which  
possess no sail power, or at most but a small amount  
of it, are not such vessels as we need, for "as a  
commerce destroyer \* \* \* the steel cruiser will  
roam the seas in quest of prey, and remain out  
during long periods. She should therefore have  
full sail power, and her bottom should be protected  
from fouling." "As the cruisers already built  
have neither, it is very evident that they are not  
intended for foreign service during war." How  
great a divergence is this from the opinion of the  
late Policy Board, which reported distinctly against  
equipping our ships as recommended by Admiral  
Luce, on the ground that "sail power and sheath-  
ing do not render an adequate return of efficiency,"  
and that they are, therefore, positively detrimental  
to a war Navy!

Admiral Luce suggests that it is "an interesting  
question as to how far the character of the sailor as  
heretofore known has been, and is yet to be, modi-  
fied by the use of steam as a means of propulsion,"  
and advances the opinion that the loss of "the  
school of the topman" consequent upon the want of  
a square rig will breed a force of "deckhands" in-  
stead of "sailors." As from the standpoint of the  
naval strategist he considers sail power a necessity,  
he thinks that the training of apprentices should go  
on in sailing ships (with blue water, and not home,  
cruisers), and he is particularly severe on the plan  
in vogue of late years at the Training Station of  
having the *New Hampshire* moored alongside the  
dock, whereby much valuable experience has been  
lost to the apprentices. A squadron of sailing  
ships placed under proper regulations the admiral  
considers "the best school of preparation for duty  
on board a modern steam-cruiser" for both officers  
and men "for the handling of a sailing ship at sea  
\* \* \* stimulates the faculties as no other expe-  
rience can." The school of the topman furnishes  
the men who are to pull the lockstrings and do the  
fighting, and this instruction must go on in the full  
sail-powered cruiser. Such in brief are the views  
advocated for the training of the seaman of the  
future; nor does the admiral leave his subject with-  
out a word in favor of the War College and also of  
a building up of our mercantile marine.

In the debate following the reading of the paper,  
Admiral Porter comes to the aid of the writer with  
an emphatic "demand for our seagoing vessels of  
thirty-five feet of canvas for every square foot of  
midship section." In this and the other general con-  
clusions two of the seven additional line officers who  
joined in the discussion agree. The remaining five,  
however, are most emphatic, each in a different  
way, in support of the policy condemned by the two  
admirals as to the reduction of the sail power. The  
argument in favor of this plan is thus put by Com-  
mander Jewell:

How much cruising could the *Chicago* do under sail? Does  
it not seem probable that she would be a more valuable ves-  
sel if the weight of masts and yards and sails and the store-  
room full of supplies to keep them in repair were replaced  
by coal? You cannot put everything into a ship. Sailing  
power must be sacrificed if we are to carry heavy guns and  
ammunition and coal for long passages.

Ensign Ackerman presents some carefully ar-  
ranged statistics with the view of showing that a  
repetition of the *Alabama's* career would be impos-  
sible, by reason of the changed conditions of com-  
merce, and he reaches the conclusion that "it may  
now be positively affirmed that the roving cruiser  
can have little or no effect in bringing about a peace  
or relieving the pressure on our home ports;" and  
that hence "the arguments in favor of full sail  
power and sheathed bottoms lose their force." He  
also proposes a programme for naval training quite  
different from that laid down in the essay, model-  
ing it largely upon the plan pursued at the Naval  
Academy, though, of course, making it much less  
theoretical and more largely practical. Lieutenant  
Barry says:

All things being equal the trained shot can beat the sea-  
man shooter; the eye is not made quicker nor the brain  
more active by "laying out and passing the weather carina."  
If this were true the best target practice would be spar and  
sail drill. No seaman is a good shot because he is a seaman,  
but because he individually has the aptitude for shooting,  
and with equal practice he would shoot just as well if he  
never went above the rail.

Lieutenant Wainwright says, among many other  
excellent things:



Our great guns, small arms, torpedoes and electric lights all require men of a higher grade of intelligence than was the old sailor. . . . The wages, comforts and certainty of position of the seaman must be such as to induce him to remain in the Service. . . . A higher type of man is necessary than of old; he must be more highly educated, have better morals, and be more carefully trained. If to encounter danger is necessary he may confront it in boats under oars and sail, in bad weather and through surf. The ship-of-war must be allowed to follow out its lines of development, and the seaman must be trained to suit the development of the machine, and to use it to the best advantage in time of war. We are reminded by this of the suggestion of an English officer "that sufficient habitude to danger could readily be afforded by detailing a party daily to back out the fuzes in old shell or in handling live torpedoes."

Admiral Luce's paper, with the discussion upon it, is worthy of the most careful attention by all those having to do with the manipulation of our fighting machines. As one of the debaters well said:

Slight differences at the start lead to widely differing conclusions. It can hardly be otherwise. Youth looks with hope to the future. Age and experience recall the circumstances which have developed their own powers and would have their successors fare as well. The certain advance of any art or profession arises from the change and readjustment of petty details: these latter cause modifications on a higher plane.

Among the new cases to come up for hearing before the U. S. Court of Claims, which convenes on Oct. 27, are two of some interest to the Army and Navy. One of these is the case of Chaplain James A. M. La Tourrette, U. S. A., retired, who claims credit, in computing his longevity pay, for the time he served, prior to receiving his commission, under an appointment from the Secretary of War. In other words, the question to be decided is whether service performed by chaplains under the old laws when they were appointed, but not commissioned, may be credited upon a chaplain's commission for reckoning his increased pay for length of service. The other case is that of P. A. Surgeon James C. Byrnes, who wants to be credited for the time he served as a contract surgeon in the Army in computing his longevity pay under his commission as a naval officer. The action is brought under the act of March 3, 1883, which credits all officers of the Navy "with the actual time they may have served as officers or enlisted men in the Regular or Volunteer Army or Navy, or both," in computing their longevity pay. The essential question involved is this: Do the services of an acting assistant surgeon or contract surgeon in the Army come within the meaning of the words "officers or enlisted men" as used above?

The Comte de Paris and party have had a busy week of it, visiting the various points of historical interest and recalling the stirring events of long ago. At all points he has been received with courtesy and respect, and his visit so far has been as pleasant to the gentlemen upon whom has devolved the duty of hosts as it must have been to the visitors themselves. At a public reception at Gettysburg on Wednesday, the Count, being called on for a few remarks, thanked all for their kindness and attention and said in substance: "In a place consecrated by the most decisive events in the life of your nation, where the generous blood of American soldiers has passed out of thousands and thousands of gaping wounds, where the echoes of the rocks and depths of the forests have rung with the war cannon and the rattle of musketry, the great voice of History alone must be heard. I shall not therefore be presumptuous enough to make a speech in this sanctuary, where I have come to accomplish a double purpose—a pilgrimage to the shrine of the noble martyrs of military duty, and a study of some of the most interesting problems of tactical science."

No RULES have yet been prescribed for putting the Lineal Promotion act into effect, but the officials of the Department are making up data on the subject for the information and action of Secretary Proctor upon his return to Washington. It is not unlikely that the Secretary, when he comes to look into the matter, will decide to appoint a Board of Officers to formulate the scope of the examinations. The time of conducting the examinations is the question that is just now being considered. The plan that seems to be most favorably regarded is that of organizing a Board at each Department Headquarters, to convene once each year for the examination of such number of officers as are likely to be promoted within that time. In determining upon the number the average for the past four or five years will be taken for each grade. The strongest argument in favor of this plan is that the disabled officers will be weeded out much faster and placed on the retired list, where they properly belong, than if examinations were held only as vacancies occur.

In an article on "Naval Training," in a recent number of the *United Service Gazette*, the writer expresses the opinion that "to the cruising ship we must look for the most important results. We want blue-water sailors, says he, and they can be made on blue water only. No artificial method can take the place of actual experience at sea. The broad-

sword and the rapier, as weapons, are obsolete, and yet constant and intelligent practice with them, and with the gloves, trains one into better command of the temper and of the limbs. The weapons are simply used as a means to an ulterior end. It is the same with the sailing ship. Service in one teaches an officer what he cannot so readily learn on board a steamer. Among other things, it teaches him to control men. Of two officers in other respects equal, that one will make the best steamer officer who has had the most experience in sailing ships."

It is expected that Major-General Schofield will have something to say in his forthcoming annual report on the subject of brevets for Indian service that will effectually put at rest all claims of favoritism in making up the list that is now in shape to go to Congress. It will be shown that there are nearly two thousand officers, active and retired, whose names are now borne on the Army Register, that were in one way or another connected with Indian campaigns. The list as made up comprises only 144 names, which, considering that 20 years have elapsed since any brevets have been granted, is not an unreasonable percentage of the whole number engaged.

With one exception all the officers concerned in recent orders "shaking up" the Medical Department of the Army had completed four years at the station from which relieved, and the exception was the case of an officer who was given a new station at his own request. The four years tour of duty rule appears to be more generally observed than in any of the staff departments. The practice of this department is to make changes every spring and fall. The recent changes are more numerous than usual, because it was four years ago that the rotation rule was so generally applied to this department.

A WESTERN trooper complains of the insufficient pay and clothing allowed our cavalymen, and says: "If a troop is ordered into the field every man must of necessity wear good serviceable clothing, as he knows not when he will return, and to do this he has to take his very best trousers, etc. When he returns, perhaps several months later, his clothing is not any longer fit for garrison duty, where everything must be spick and span." We sympathize heartily in the sentiment expressed, and doubtless so do many others, but Congressional sympathy, substantial and practical, is what is wanted.

An organization has been perfected at Washington by the name of the "Daughters of the American Revolution," the purpose being to secure and preserve the historical spots of America, and to erect thereon suitable monuments to perpetuate the memories of heroic deeds of men and women who aided the revolution and created constitutional government in America. Mrs. Benjamin Harrison has been elected President-General of the society. The first undertaking will be the completion of the monument to the memory of Mary Washington, mother of President Washington.

A FORT SULLY correspondent of the New York *Herald* writes: "Our post canteen, when we were allowed to sell beer, was a grand temperance success. For six months no man was under the influence of liquor, and only three men were absent without leave. Since the sale of beer was stopped the guard-house has never been without occupants. Citizens arrested for selling whiskey are acquitted by the justice, although the constitution and laws of the State are prohibition."

We are favored with an argument on behalf of increasing the size of the artillery companies. It makes very clear the discouraging condition of affairs heretofore existing in that arm of the Service, with an average of only twenty-eight privates to each of the companies, excepting the light batteries. It is justly argued that the number of men in a regiment should be increased to 1,800, or 150 men in a company.

In consequence of the limited accommodations at Fort Huachuca, Arizona, it is probable that several companies of infantry will shortly be transferred from the Department of Arizona to the Department of Texas.

A MEETING of the Eleventh Army Corps Association, Society of the Army of the Potomac, will be held on Saturday of this week at the Military Institute, Governor's Island, at 3.30 P. M.

LIEUTENANT FREDK. J. SIMMONDS, U. S. Revenue Marine, attached to the steamer *Dix*, died at Galveston, Tex., Oct. 14, aged 59. He was a native of Portsmouth, Va.

MRS. JOHN KIRTLAND, who died at Orange, N. J., Oct. 11, aged 72, was a daughter of the late Thomas Campbell, formerly a captain of ordnance, U. S. A., who left the Service in 1817.

## RECENT DEATHS.

BREVET LIEUTENANT-COLONEL HERBERT A. HASCALL, Captain, U. S. Army, retired, a gallant and meritorious officer, died at Chicago, Oct. 14. He was born in N. Y., May, 1835, entered the Military Academy in 1852, was graduated in 1856, and promoted 2d lieutenant 4th Artillery. He was actively engaged on the frontier for a few years, was promoted 1st lieutenant in 1859, and when the war broke out was transferred to the 5th Artillery. He was Adjutant-General for General Keyes in the Manassas campaigns of July, 1861. In July, 1862, he was promoted captain, and in 1863, was detailed for duty at West Point. He continued on duty there for several years and on Nov. 10, 1874, was retired for disability contracted in the line of duty. For his faithful and meritorious services during the war he received the brevet of major and lieutenant-colonel. The remains were taken to Le Roy, N. Y., for interment. Colonel Hascall was a son of Congressman A. P. Hascall, by whom he was appointed to the Academy. His first service was in the Seminole war, Florida. We recall him as one of the bright young officers who formed part of the expedition for the capture of Port Royal, S. C., in 1861. He was placed on duty at Hilton Head as quartermaster, where by overwork and exposure he broke down in health, lying ill for nine months; then was ordered back to West Point as assistant professor of mathematics, where he remained 12 years, until failing health obliged him to retire. July, 1883, he was brevetted major, and March, 1886, lieutenant-colonel. During a continuous illness of 20 years, he was always the soldier and gentleman; a murmur or complaint never passed his lips. A hero he lived and suffered.

COMMANDER CHARLES L. HUNTINGTON, U. S. Navy, an officer of long and faithful service, died at Saratoga, N. Y., Oct. 14, where he has been lying sick for some time past. The deceased officer was a native of Illinois, entered the Naval Academy in 1853, and attained the grade of lieutenant in 1862. He served at the siege of Port Hudson on the *Monongahela*, and subsequently was in several engagements with rebel batteries at Donaldsonville, La. He was commissioned lieutenant commander in 1866, and commander in 1875, and was almost at the head of the list of his grade. His last post of duty was as commandant of the Navy-yard at Pensacola. The funeral took place from the Naval Academy chapel on Thursday, with due honors, interment being in the Naval Cemetery.

PAYMASTER GEO. A. DEERING, U. S. N., on duty in the Coast Survey, was found dead in his bed at his house in Washington, Oct. 16. Upon examination it was found that his death was due to heart disease. He was at the United Service Club the previous night in good spirits and apparently in good health. The funeral will take place Saturday and the interment will be at Arlington. Paymaster Deering was a member of the Loyal Legion and of the Grand Army, and both organizations will participate in the funeral.

GENERAL WILLIAM WORTH BELKNAP, Secretary of War during a portion of Gen. Grant's terms as President, was found dead in his apartments at Washington at about 9 A. M., Oct. 13. He retired on Saturday night late, and was not again seen alive. It is supposed the immediate cause of death was inflammation of the inner lining of the heart. Gen. Belknap came from military stock. His father was Gen. Wm. G. Belknap, lieutenant colonel, 5th U. S. Inf., a distinguished soldier of the Mexican war, who died in 1851. The son just deceased served with distinction during the civil war as an officer of volunteers, attaining the rank of brigadier and brevet major general. In October, 1868, Gen. Grant appointed him Secretary of War, which position he held until March, 1876, when he resigned it in consequence of official charges of corruption. He was impeached and brought before the Senate for trial, but was acquitted under certain technicalities. He resumed the practice of law, in which he was eminently successful, and had many warm friends. We publish elsewhere the General Orders issued from the War Department on Monday, announcing to the Army the death of its former Secretary of War. The funeral took place on Thursday, from St. John's Episcopal Church, Washington. The circumstances of Gen. Belknap's case were such as to raise grave doubts of his personal participation in the illegal practices that led to his impeachment, and in the charitable judgment of his comrades he will be remembered only as the patriotic citizen and brave soldier which he undoubtedly was.

MRS. ELIZABETH SANDS, widow of Purser Wm. M. Sands, U. S. N., died in Brooklyn, N. Y., Oct. 7, in the 95th year of her age. She was the only surviving sister of the late Rear Admiral S. L. Breesee, U. S. N., and Chief Justice Breesee, of Illinois. A notice of the death of this venerable lady says: "At the age of ninety-four Mrs. Sands was still a woman of rare personal qualities, of active benevolence and sympathy with the poor and distressed. The handiwork of her aged fingers has gone to many homes in India and China and to the home missions as well."

JACOB SAWYER CARTER, one of the old-time merchants of New York, died of paralysis, Oct. 11, at his residence in New York City. He was born Sept. 17, 1808, and in 1814 stood on the shore of Lake Champlain and saw the British fleet driven to the battle of Plattsburgh.



LIEUTENANT ALPHEUS ROBERT FRENCH, a veteran of the Black Hawk, Mexican and Civil Wars, died in Baltimore this week. He was born Nov. 25, 1808.

CAPTAIN PETER FOSTER, a veteran of the Mexican and Civil Wars, died at Mount Pleasant, Iowa, Oct. 9, aged 96.

(Correspondence of the Army and Navy Journal.)  
THE NAVAL MANOEUVRES IN RUSSIA.

THE manoeuvres began at 4 A. M. of the 13-25 of August. For this time the vessels of the offensive squadron were concentrated at Moonzund and consisted of five armor clads (turret ships), the clippers *Strelak*, *Vestnik*, four torpedo boats and transports with coal. Having chosen Moonzund as its base, the offensive squadron left for sea on the morning of the 13-25 of August, preceded by its skirmishers, a torpedo cruiser and several torpedo boats. They were ordered to enter the Gulf of Finland, to ascertain the disposition and intentions of the defensive squadron. The other vessels followed in detachments with the purpose of blockading the Gulf, to destroy its commerce, and to do as much injury as possible to its commercial ports.

The chief forces of the enemy, consisting of three turret ships, two clippers, and four torpedo boats as skirmishers, went from Moonzund to the east to the left flank of the defensive detachment, hoping to force their way into the fords and thus to execute its problem, to destroy the commercial ports of Finland and the coast ships at the same time. In the meanwhile the defensive squadron did not remain inactive.

Its skirmishers went fearlessly out to sea without paying any attention to the storm and stiff wind, and obtained correct information of all the movements of the enemy. All the vessels of the defensive squadron were placed by small detachments along the Finland fords beginning at Biorke and ending at Sweaborg: the connection between them was maintained by the skirmishers and also by coast observation stations which were very systematically and carefully situated. In consequence of these skirmishers and stations, the defensive squadron always had in proper time information of all the movements of the enemy, a fact that permitted it to make an energetic resistance to all the enemy's attempts to force their way into the Finnish fords which was further interfered with by mines and batteries. At the same time coal supplies for torpedo boats were in proper time prepared at different secret places in the fords, thus making it possible to increase largely the sphere of their independent operations. In consequence of these secret coal supplies, the torpedo boats of the defensive squadron easily moved throughout the extent of the fords, always ready to attack the enemy's vessels.

During the first two days (the 13-25 and 14-26 August) the operations of both of the squadrons were limited to reconnaissances of each manoeuvring side. These reconnaissances assured the defence that the enemy wished to force his way into the fords simultaneously in several places, and, therefore, the defence immediately concentrated strong forces in these places. The other vessels of this latter squadron began to assemble at Sweaborg for conjoint operations in the rear of the enemy and against its base—Moonzund. This concentration was remarkably well made and altogether without interference. The enemy was unable to prevent such concentration and, in consequence thereof, was induced to give up its intention to force its way into the fords. An unexpected necessity happened which caused a great part of its forces to secure Moonzund, which was in danger in consequence of the concentration of the vessels of the defensive squadron at Sweaborg. At the same time some of the enemy's vessels were running short of coal, which induced them to retreat to the west for the purpose of coaling from the transports.

Coaling in the open sea in a storm proved disastrous. The transport *Krasnaya Gorka*, when ordered to supply the turret-ship *Admiral Lazaref* with coal, approached but could not do it in consequence of a very strong wind and the roughness of the sea. Then tow-ropes were thrown from the transport to this ship for the purpose of proceeding to some quiet anchoring place; but the *Krasnaya Gorka* was unable to tow this heavy armor-clad. In the meanwhile the wind was blowing stronger and produced a very heavy sea. The transport's bows could not hold any more and the commander ordered them to be cut; when this happened one of the tow lines got into the screw of the steamer. The helpless transport was rapidly driven against the frigate, and it was feared that the *Krasnaya Gorka*, lifted by the waves, would be thrown on the deck of the low turret-ship. The danger was great for both of the vessels, but in consequence of energetic action only the following happened: The bows on both of the vessels were smashed, and besides that the transport received such holes, fortunately above the water line, that it was compelled to enter the Finnish fords and to hide itself in one of the bays, where it was observed and captured by the defensive. As regards the *Admiral Lazaref* it reached Moonzund with great difficulty, where it was supplied with coal from another transport, *Artelstchik*.

In the meantime the wind began to blow stronger and stronger, and on the 15-27 of August a violent storm from S. W. appeared. The vessels of the offensive squadrons could not remain at sea and were compelled to seek refuge in different places on the southern coast of the Gulf of Finland. The armor-clad *Peter the Great*, the corvette *Rynda* and the torpedo cruiser *Litvin*, not yet informed of the disorder of their chief forces, continued to cruise about near Sweaborg. The wind did not permit the defensive to concentrate at Sweaborg and to attack a less stronger enemy, which had time to disappear after having been informed of its dangerous position far from its chief disordered forces.

On the 16-28 of August His Imperial Highness the Grand Duke Alexei Alexandrovitch (accompanied by the Superintendent of the Navy Department, Vice Admiral Tchibatchef, the Director of the Marine Academy, Vice Admiral Arsenief and several adjutants) arrived from Cronstadt on the cruiser *Asia*, which dropped anchor in the fords near Loviiz. Here the General Admiral passed with those accompanying him on board the pilot yacht *Eoleken*, on which he went to Helsinki to acquaint him with the movements of the vessels of the de-

The same strong S. W. (which made so much harm on all the coast of Finland from Abo to St. Petersburg) was still blowing. The vessels of the defensive squadron, notwithstanding the heavy storm, continued to energetically hold their positions at the observation stations: the clipper *Plastun* lost both of her anchors, and the *Opritchnik* lost one and saved the other with a broken fluke and a stock. As regards the enemy's vessels they disappeared into more or less sheltered bays, being altogether unable to continue their attack in consequence of the storm. In this way the manoeuvres in consequence of the elements ended two days earlier than was intended by the hypothesis. Nevertheless, the defensive squadron, commanded by Rear Admiral Gerken, was successful in preventing the attacking squadron from forcing its way into the Finland fords at Aspé (nearly on the meridian of the island of Gogland). This passage, encumbered by submarine mine, was defended by the clippers *Plastun* and *Opritchnik*, the gunboat *Vichr*, schooner *Slavanka*, and torpedo monitor *Narya*, under the general command of 1st Rank Captain Pustchin. The detachment occupied an advantageous position back of the mine barricade, and these ships, by turns, went out to observe the movements of the enemy. The *Opritchnik* observed one of the enemy's detachment (consisting of the frigate *Admiral Lazaref*, corvette *Rynda* and clipper *Vestnik*) approaching from the west, and hastened to Aspé to join its side. The enemy saw a single observation vessel of the opposite side, increased its headway and energetically pursued it; apparently intending to attack the weaker vessels of the defensive and to destroy them before the arrival of a reinforcement from other places of the Finland fords. This daring calculation was not realized in consequence of the ardor with which the pursuit was made. The offensive detachment, supposing that the passage into Aspé was altogether free, unexpectedly ran against a submarine barricade; in consequence of this and in accordance with the hypothesis, the *Admiral Lazaref* and corvette *Rynda* were blown up. The remaining vessel of the enemy, clipper *Vestnik*, was energetically attacked and also destroyed. In consequence the enemy's detachment was ruled out of the operations for 12 hours.

In the meanwhile the strong storm from S. W. began to blow. The small ships defending Aspé hurried to shelter themselves in some secure place in the fords; but the clippers *Opritchnik* and *Plastun* still remained at their positions notwithstanding that the wind was getting stronger and stronger. On the eve of the 15-27 of August the position of these clippers was very critical. In consequence of a stony soil (barely covered by a light bed of sand), the anchors did not hold and the clippers, with full head of steam, were dragged on the leeward ridge of rocks. The danger especially increased when on one of the clippers the anchor chains broke and on the other one of the anchors was broken and the second was lost altogether. Unable to keep their positions, and fearing the surrounding rocks the vessels moved out of these breakers, went to Gogland and disappeared towards its leeward coast. Here the clippers found many merchant steam and sailing vessels at anchor; all these vessels were taken as lawful prizes.

In general, the storm altogether frustrated the plans of attacking the fords of Finland; all the advantages were on the side of the defensive squadron which was enabled to seek refuge in the sphere of its active operations. During the storm at sea the *Peter the Great* had her bows washed overboard and one of her crew received serious injuries. As a vessel of the defensive squadron (*Ilmen*) in passing the fords by a route not thoroughly known, struck a rock which made a hole in its hull; in consequence of timely measures the *Ilmen* fortunately reached Helsinki, where it is at present undergoing repairs.

The torpedo boats fulfilled their duty satisfactorily and not one of these small vessels left the ranks during all the manoeuvres, notwithstanding that they also struggled with the storm. Now let us speak about the disasters which this storm did.

The wind over there was far stronger than near Cronstadt or St. Petersburg. The Gulf of Finland was altogether boiling. A strong whirlwind tore the tops of the large waves and covered all the horizon with a heavy spray of water. A mass of small ships (named *laibas*) were cast on shore and on the stones and all were broken into chips. The crews with great difficulty saved themselves on the surrounding isles and many were drowned; many houses were washed into the water, several lighthouses destroyed. Along the entire coast of Finland is seen the destroying hand of a two days' storm. Such rough weather is not in the memory of man.

The following is the comparative strength of the Russian Navy:

	Russia..	Britain..	United States..	France..	Germany..	Italy..
Number of 1st class armor-clads (18-inch armor and above).....	7	10	..	13	..	10
Other seagoing armor-clads .....	17	41	..	27	16	11
Cruisers and sloops (above 800 tons) .....	22	166	47	68	85	23
Gun vessels (over 800 tons).....	4	47	3	11	4	17
Gunboats (over 200 tons).....	14	81	..	57	10	22
War vessels over 14 knots.....	28	166	19	75	44	55
Merchant ships to each cruiser or sloop .....	7	39	9	8	21	10
Merchant tonnage to each cruiser or sloop.....	5000	49000	11000	13000	26500	13600
Merchant ships to each war vessel.....	8	38	22	7	17	4

A. N. KOVRIGIN.

#### A LIBELLER ANSWERED.

To the Editor of the Army and Navy Journal:

I WAS surprised to see in the last issue of your JOURNAL, a reproduction of a scurrilous attack upon the Army. The paper from which it is copied is little read, and still less respected, even on the Pacific Coast, where its character as a vile black-mailing sheet is well known, but your JOURNAL is widely read, not only in the Army, where the article referred to will meet the contempt it deserves, but in the Navy, the National Guard, and also in

foreign countries, where its injurious effect might not be entirely offset by the slight adverse comment accompanying it. Scarcely a line in the article has the remotest foundation in truth. The reference to the general commanding was intended to apply to another officer, but this fact does not in any way mitigate the infamy of such an attack. The article is understood to have been written by an Englishman, who represents the most vicious and venomous communistic element of San Francisco, feeding upon character, and hostile to every class of society representing respectability, virtue or stable government. This is not the first attack from this source upon members of the Army, but is the first one upon the whole Army. Heretofore, this cowardly assassin of reputations, has, like Jack the Ripper, singled out his victims, and confined himself chiefly to reviling and abusing individual officers, and in so doing has attempted to injure many of the best and most exemplary men in the service. The sacredness of the family circle has been no shield against this craven nature, nor have the reputations of the best of wives and mothers, and of the most innocent girls been safe from his venom. In many parts of the country such acts would, as they deserve, subject the writer to a coat of tar and feathers, or a stuffing of lead with the universal approval of the respectable portion of the community.

The military service requires no defence, nor does the encampment at Monterey. The three arms could not have been more creditably represented. It would be difficult to find in this country or elsewhere a body of troops so well disciplined and instructed and so intelligent as the officers and soldiers at that encampment. There was no dissipation or ungentelemanly conduct on the part of the officers, and every officer, from highest to lowest, was habitually dressed in strict military uniform or in civilian day or evening dress, according to the best usage. A body of soldiers so cleanly, well disciplined and well behaved is rarely seen together. There was scarcely a desertion or breach of discipline during the whole encampment. The notices of the Pacific Coast press concerning this encampment, with the sole exception of the one referred to, were of the most commendatory character, and voiced the sentiments of those who had an opportunity of seeing it.

CHICAGO, ILL., Oct. 11, 1890.

We published the extract in question because it was part of a letter sent with the obvious intention of correcting the false impression intended to be created. The appearance of this now complete answer is proof of the wisdom of bringing such articles to the attention of those who can deal with them as they deserve. However untrue they may be, it is best to answer them, for there is nothing about which the average citizen is more ignorant than the Army.

(Correspondence of the Army and Navy Journal.)

#### NAVAL ACADEMY.

ANNAPOLIS, MD., Oct. 14, 1890.

THE past week has been a very quiet one at the Academy. Dates for the cadet hops have not yet been arranged, but a "stag" hop every Saturday night tends to relieve the monotony. As a result of a class meeting of the 1st Class, the following hop committee was elected: Zihm, Irwin, Gilmor, Preston, McGrann, Laws, Reed, L. G. Smith, Snyder, and Nunde.

Last Wednesday afternoon the battalion assembled in the armory for the presentation of the medal for small arm marksmanship to Cadet Davison of the 2d Class. Capt. Phythian made some appropriate remarks, after which the medal was presented by Lieut.-Comdr. Sperry, head of the Department of Ordnance and Gunnery. A number of ladies and officers were present.

The first regular game of foot-ball takes place Oct. 18, when the cadets play St. John's College. Last Saturday the regular team played the 2d team, known among cadets as the Hustlers, beating them 62 to 0. During the game Cadet H. G. Smith, 1st Class, of the 2d team, was rather severely hurt. His collar bone was dislocated and his arm slightly bruised. The following is the regular team, with the positions occupied: Irwin, '91, centre; Lane, '91, right guard; Trench, '93, left guard; Macklin, '92, right tackle; Ward, '93, left tackle; Laws, '91, right end; Althouse, '91, left end; Ford, '91, full back; Emrich, '91, right half back; captain; Hartung, '91, left half back; Johnson, '94, quarter back.

Saturday an order was published promoting Cadet Petty Officer McFarland, 1st Class, to sub-aljutant with rank of cadet ensign. Cadet Preston, 1st Class, was appointed a petty officer to fill the vacancy caused.

G. O. No. 376, Navy Department, July 26, 1889, concerning saluting the colors was sent with this letter, in explanation of a statement with reference to its enforcement at the Naval Academy. It wandered out of place and appeared under the Naval heading in the guise of a recent order.

#### LATE ARMY ORDERS.

Major Peter D. Vroom, I. G., is announced as inspector-general of the Department, relieving Major Joseph P. Sanger, I. G. (G. O. 22, Oct. 14, Dept. M.)

THE members and guests of the American Institute of Mining Engineers, the Iron and Steel Institute of Great Britain, and the Verein Deutscher Eisenhüttenleute, who visited the Tilly Foster Iron Mines, Tilly Foster, N. Y., Friday, Oct. 3, were presented on the train thither with a very artistic and interesting souvenir of their trip. It was in the shape of a sketch book, gotten up by the Lidgerwood Manufacturing Company, New York, Chicago and Boston, under the direction of their engineer, Mr. T. S. Miller, and filled with pen pictures of the hoisting and conveying devices employed at these mines, admirably executed by the company's special artist, Mr. J. Foster. These sketches show: general plan of cable hoists and derricks, general view looking southwest, working the drills, filling the skip, sectional views at cables Nos. 1, 2, 3 and 4, with engine house plans of same, the manner of transferring ore to crusher and swinging engine used for same, and dumping of ore into the crusher. This is all depicted so faithfully, even to details of the appliances in use, that further description is unnecessary. The rapid handling of rock and ore, already passing 600,000 tons, at the Tilly Foster Iron Mines, is successfully accomplished by the use of an improved hoisting and conveying apparatus, Locke's Patent, which is manufactured exclusively by the Lidgerwood Manufacturing Company.



## THE STATE TROOPS.

Correspondence on subjects appertaining to this department of the paper is always gladly received. The wishes of contributors as to the use of their names will be scrupulously regarded.

## THE TROUBLES IN THE TWENTY-SECOND N. Y.

To the Editor of the Army and Navy Journal:

THE article in the JOURNAL of Oct. 11, entitled the "22d Regiment Troubles," cannot be accepted as fairly covering the situation either as to its legal or practical aspects by National Guardsmen, and particularly by the old members of that regiment, who, like myself have not participated in the troubles.

The criticisms contained in it as to the wisdom of the Legislature in vesting in the Governor the power "to divide, annex, consolidate or disband" organizations in the National Guard is best answered by the facts. The provision was inserted in the Code to enable some power to be exerted by general headquarters towards reforming the loose and irresponsible condition of the National Guard, then a crying evil. It has since been supported by every adjutant-general, and has resulted in reducing the National Guard from an unwieldy force with eight division commanders and more than eighteen brigadier-generals to a compact force of four brigades. It has resulted also in getting rid of many organizations that absorbed the State appropriation without being of any benefit to the State, and has been the only way in which many officers could be got rid of whose incompetency was destroying their organizations.

The consolidations and disbandments which have taken place under it have always received the support of the JOURNAL, and no previous criticism has, to my knowledge, been made by any military authority that it has ever been improperly used.

It appears to me that the constitutional and legal points referred to in the article in question were not obtained from an experienced lawyer.\* As the commissions of the officers of disbanded organizations are not taken away, I fail to see how the quoted section of the Constitution applies. But if it be conceded that the rendering an officer supernumerary by disbanding the organization to which he is attached, is equivalent to his "removal from office" (which is clearly not the case), it follows that the enactment of Section 7 of the Military Code containing this provision for disbandment was the enactment of a new method of removal, which the Legislature had the power to prescribe.

As to the clause being an amendment obtained from the Legislature in 1883, the Code of 1870 (Chapter 80, Laws of 1870, Sec. 7), provides that the commander-in-chief "may alter, divide, annex, consolidate or disband the same (i. e., divisions, brigades, regiments, battalions and companies), and retire any officer rendered supernumerary by any such disbandment, with a provision (Sec. 24) that such officers shall be placed on the supernumerary list and may be assigned to duty.

But it is said the provision in question would be void "unless it should appear affirmatively that it was passed by a two-thirds vote." Not only does Chapter 299 of the Laws of 1883 (the Military Code) expressly read "passed April 23, 1883, by a two-thirds vote," but the Code of 1870 contains the same provision with a statement that three-fifths were present.

Now a word in regard to the necessity and propriety of the action taken by Adj. Gen. Porter. What are the facts? Four years ago when that officer was made adjutant-general he left the 22d in a most efficient condition, without intestine quarrels, with an admirable corps of experienced officers in the field and line and in a high state of drill and discipline; in every respect a model organization. Since then it has had the advantages of having its old colonel as adjutant-general and of receiving a new armory. Yet instead of continuing to prosper we find that Lieut.-Cols. Harding and Miller have both left it to accept the same rank in other organizations. We also find a series of contested elections, courts-martial innumerable, bitter antagonisms and quarrels covering a long period and constantly increasing in intensity, culminating in charges against the colonel by six captains and counter charges against these captains by the colonel. The regiment is divided into two factions, one consisting of three captains and the other of seven.

Their bickerings filled the newspapers and the whole thing was a public scandal, which was rapidly bringing the National Guard system of the State into contempt. Unless stopped, it was clear to any one familiar with the service that the best officers would resign, be transferred or otherwise "get out;" recruits could not continue to be obtained and but a few months would be required to break up the organization.

Now, who is responsible for this? If there are any better company officers in the National Guard than these seven captains I do not know them. It is difficult to believe that they would without reason do what they have done. But without discussing who is right and who is wrong, the military rule is that the officer in command is always responsible for the condition of his troops.

If their discipline has so seriously deteriorated under his administration that the future of the regiment has become doubtful, who but he is to answer for it? I submit that the action of Gen. Porter was most timely and proper. What else could he do? Let the Courts martial ordered proceed or order new ones? Courts-martial in the National Guard are slow, expensive, and of little practical value. They leave heartburnings behind which often are worse than the first offence. In such cases as the 22d they not only do no good, but advertise public scandals most injurious to the regiment and the service.

There was no way out of the dilemma but the course taken by Adj. Gen. Porter to demand the resignation of the field and company officers so as to give him power to remove all disturbing elements and secure peace. The three captains who so stood upon their personal innocence that they were con-

\*As to this our correspondent is mistaken. He is a lawyer himself, and it is nothing new to our experience to find lawyers disagreeing on disputed points. The discussion is an interesting one, and we are glad to present so full an argument as this on the opposite side of the question.

tent to see their regiment disbanded rather than sign a resignation, thereby conclusively demonstrated that they were unfit to hold a commission in that regiment. In fact, such refusal was such a confession of personal selfishness, if not an admission of guilt, as to deprive them of all sympathy from the friends of the regiment who were not parties to any of the quarrels. I venture to prophesy that, without charging that they are the officers who have instituted and fomented this trouble, the future will show that the causes of difficulty in the 22d will depart with them.

It would be a matter of profound regret, and to no one more than the writer, if the 22d were to be disbanded. But it would be greater if, by reason of any weakness in enforcing the power vested in law in the Governor, it were to be permitted to sink into the state of demoralization to which it was tending so fast before Gen. Porter put down his foot.

AN EX-LINE OFFICER OF THE 22D REGT.  
NEW YORK, Oct. 13, 1890.

## THE CAUSE OF THE TROUBLE.

To the Editor of the Army and Navy Journal:

SINCE the last issue of the ARMY AND NAVY JOURNAL, the Adjutant-General has undertaken to effect the disbandment of three of the best companies in the 22d Regiment, and thus strike a fatal blow at the efficiency of one of the finest regiments ever organized in the militia of any State. At a very last public drill a review was tendered him and he then publicly declared that he had never witnessed a better drill in his life or a more perfect review, and his remarks were fully endorsed by Brig.-Gen. Louis Fitzgerald, commanding general of the brigade, to which the 22d belongs, who was also present.

The regimental annual inspection, which followed soon afterwards, fully bore out these encomiums. Numerous articles have recently appeared in the daily press, by way of apology or excuse for the unmerited disbandment order, all of which have been inspired or dictated from the Adjutant-General's Office.

It is an old adage that he who excuses himself accuses himself, and it seems now to be the time that the baleful influence which the Adjutant-General has exercised over the fortunes of his former regiment since he has become the Chief of Staff to the Commander-in-Chief should be made known.

Old New Yorkers know that the uniformed militia of the State, which usually aggregated about twenty-five to thirty thousand men, although now reduced to about twelve thousand, proved on many occasions—notably in the Astor Place and Dead Rabbit riots and under the call of President Lincoln in the late war—fully adequate to all requirements.

The so-called "troubles" in the 22d Regiment began when Col. Camp relieved a commissioned company officer of the incompetent duty of armorer and cleaner of muskets at \$4 per diem each day of the year. This officer was the protégé of Adj. Gen. Porter and had been appointed to that office by him. He has since by various details under pay endeavored to mitigate that removal. The officer also became a clerk in the office of the Inspector of Rifle Practice and became the pronounced opponent of his colonel.

It is alleged that two lieutenant-colonels left the regiment because of internal troubles. One left because there were prospects of speedy promotion in a Brooklyn regiment. The other obtained transfer because he was charged with conduct unbecoming an officer and gentleman with reference to his colonel, which charges were only withdrawn after a court had been ordered, on apology. If Adj. Gen. Porter had not on that occasion interfered, discipline would have been maintained and the balance stamped out, because this same officer has lately been charged by Col. Camp with conspiracy against him in conjunction with six captains.

In December, 1888, Col. Camp was authorized by the Board of Officers to dispose of old uniforms, which he did at a very advantageous price, and received therefor \$2,850, of which \$1,500 was paid over at once, to cover the number of uniforms delivered to the contractor, and the balance in March following, as soon as the colonel became satisfied that he would not have to return the money from inability to collect from the companies the necessary uniforms to fill the contract for which he had become personally obligated. It was not, however, until three months later that all the uniforms sold were turned over, and then band uniforms had to be substituted with consent of the Board of Officers and contractor to supply deficiencies.

Eighteen months afterwards, six captains, apparently with a desire to give such an appearance of "internal troubles" as would result in removal of their colonel, preferred concerted charges against him for alleged embezzlement of this \$2,850, concealing the fact within their knowledge that he had fully accounted for and paid over the money to the Board long ago.

These charges were at once given to the press to the injury of the colonel's business credit and military character. Upon his many endorsement forwarding them, enclosing all the contractor's letters and certificates from the regimental treasurer and secretary, the Brigadier-General commanding, on investigation, reported adversely to the charges, as not capable of being sustained.

Adj. Gen. Porter himself admitted there was no merit in them, and no conviction could be had, and yet held them for weeks, instead of at once returning them with the statement that they would not be entertained.

The colonel's bold stand against those combined to his injury disconcerted operations, for he put them all in arrest and preferred charges for the alleged conspiracy. Had these been pressed to trial the result would not have been in doubt.

The Adjutant-General next ordered the officers of the 22d Regt. to be assembled and, having met them, said he would listen to no discussion, but that the field officers and captains must hand in their resignations or the regiment would be disbanded. The six captains, of course, acquiesced. The seventh captain is abroad. The remaining three and Col. Camp declined to resign because it would clearly contain an intimation that they individually had done something highly detrimental to the military service when, in point of fact, they knew of no offence and had loyal and good companies. It was a scandalous request and indignantly met by the three captains.

Subsequently the Adjutant-General held private consultations with several of the arrested six captains.

The next step he took, when Col. Camp called to intercede for his regiment, was to urge him to withdraw his charges against the six captains on the plea of the newspaper notoriety which would result if they were tried before the court; which had been ordered, at the same time concealing the fact that he intended to disband, if he could, the three companies whose captains dared to oppose him in their very proper determination not to be placed in a false position.

Col. Camp, in the desire for harmony, and not knowing the fatal blow the Adjutant-General proposed to deal his regiment, consented to the withdrawal of the charges he had made and to condone the alleged conspiracy against himself, and the captains were immediately released from arrest.

Thus stands the matter.

Adj. Gen. Porter declares that the mere order of disbandment actually disbands those three companies, but he is mistaken in this as when he said there was no statute of limitations under the Military Code.

Cos. C, F and I cannot be disbanded until actually mustered out and their officers cannot be rendered supernumerary so long as their companies exist.

Capt. Lillendahl, a most competent and respectable officer, has, it is reported, resigned under the pressure of this order.

The other companies, unless they obtain justice from the Commander-in-Chief, will, it is reported, appeal to the courts against the unlawful authority assumed to be exercised under what is claimed to be a void provision of the Military Code.

The Adjutant-General has apparently announced, through the press, that there will be an investigation, and Capt. Leo has requested the suspension of the order against his company during such investigation, promising, if he is in any way found to have done any improper act he will resign. It is to be hoped that the request will be complied with. The power sought to be exercised is fraught with evil to the National Guard.

In conclusion, it is sincerely hoped by the old former officers that the disbandment order will be revoked, and the regiment remain intact in numbers as it is in the hearts of the community.

Above all let the Adjutant-General forget he was once its colonel and leave its discipline to the regimental commander, and not interfere as he did, in the present week, to send a company commander for a matter of internal company administration.

A VETERAN EX-LINE OFFICER OF THE 22D REGT.  
NEW YORK, Oct. 15, 1890.

## VERMONT STATE CAMP.\*

Report by 1st Lieut. S. M. Foote, 4th U. S. Artillery.

THE ground for the camp was well selected and the camp was well laid out, although not strictly according to tactics. The camp equipment was in excellent condition. Most of the tents had tent-floors. The troops all slept on mattresses. Each company had its own mess-tent, kitchen, etc. The cooking and waiting on table was done by women brought along for the purpose.

Every morning while the troops were at drill the brigade surgeon made a thorough inspection of the entire camp, tents, kitchens, sinks, etc.; pointed out faults to be corrected and saw that they were corrected. He made a daily report showing to a scale of 100 the relative merit of the various organizations as to cleanliness and appearance, with the result of creating emulation and securing by the third day an almost perfect sanitary condition for the whole camp.

On the 20th the regiment was divided into three battalions, each under command of its major, and the drill superintended by the colonel and lieutenant colonel. This was found an excellent idea, as the movements could be executed more quickly than in a large battalion, and so gain time for other movements or for repetition. Two or three drills, however, were conducted with the whole regiment as a battalion. The battery drilled twice each day, starting out with section drill, then platoon drill, then battery drill.

The honorable Secretary of War was in camp during the afternoon of the 21st and morning of the 22d, and witnessed the various exercises performed by the troops during that time. His Excellency W. F. Dillingham, Governor of Vermont and Commander-in-Chief of the State troops, with his staff, was in camp from the 20th to the 23d.

On the 22d—called "Governor's Day"—the governor reviewed the brigade. Co. F, 11th U. S. Infantry, occupied the right of the line as a separate battalion; next came the 1st Regiment Vermont National Guard; then the 1st Light Battery Vermont National Guard. The entire brigade made an excellent appearance during this review. Hon. Justin S. Morrill, senator from Vermont, was present during part of the encampment and accompanied the Governor in his review of the troops.

After the return of the brigade to quarters the company of Regulars gave an exhibition skirmish drill, which was watched with the greatest interest by all the troops. The following morning the troops marched out about 9 o'clock, in a drenching rain, leaving the camp standing.

Only the afternoon of "Governor's Day" was given up to ceremonies, the morning being occupied in solving problems, involving battalion manoeuvres, given by the brigadier-general commanding the camp.

The battery fired 30 unfilled shells at a canvas target, 8 by 12 feet, on a hill-side, at a range of about one mile. An examination of the target after firing showed that about a third of the shots had gone through. This was the first time the battery had ever fired projectiles from the new pieces, and it is thought that under the circumstances the results were excellent. But another year, with more careful preparation, much better results may be expected.

Small-arm target practice by the National Guard of Vermont is in its infancy, but it has received a recognition and impetus this year that will fire the ambition of every company in the State.

I mark the various organizations as follows: Battery, good; A. Rutland, good; K. Bennington, good; C. Brandon, good; B. St. Albans, good; E. Barre, good; I. Brattleboro, good; H. Montpelier, fair; L. Newport, fair; F. Northfield, fair; D. St. Johnsbury, fair; M. Richford, fair; G. Bradford, poor.

In general I found the clothing and equipments in fair condition, the general appearance and set up fair, the manual of arms and firing good, company manoeuvres fair, efficiency of officers and non-commissioned officers fair, condition of quarters excellent.

Guard duty itself was badly performed, and improved but little during the encampment.

Every evening at 8 o'clock the officers of the regiment met in the colonel's tent and the officers of the battery in the captain's tent to listen to criticisms of the day's work and to discuss the work of the following day. These evenings the inspector attended the regimental school and one evening the battery school, being treated in every case with marked courtesy, his criticism invited and suggestions asked for. The suggestions were always well received and were put into practice as far as possible.

Co. F, 11th U. S. Infantry, took part in the encampment. They marched across the State from Burlington and back. They attended parade every evening, forming on the right of the line as part of the regiment. It is certain that the presence of this company in the State and in camp has served to increase the respect of the people and of the National Guard for the rank and file of the Regular Army, while its drill and discipline has served the purpose of an excellent object-lesson to the troops in camp.

The officers and men of the Vermont National Guard are of a character well suited to take care of themselves in the field, to endure the hardships of a campaign, to perform any unusual or trying service requiring patience, ingenuity, and skill of hand. They are not very well drilled, not very well set up, not conversant with minor tactics, but they are ready to learn, and have made a good beginning toward making excellent soldiers.

I wish to extend my thanks for official and personal courtesies to all the officers of the brigade, and especially to Gen. W. L. Greenleaf, commander of the brigade and camp; to Gen. T. S. Peck, adjutant and inspector-general of the State; and to General W. H. Gilmore, quartermaster and paymaster-general of the State.

## Twelfth New York.—Colonel H. Dowd.

THE first competition for the "Riker Trophy" took place at the armory range on Oct. 11. The match was at 300 and 500 yards (reduced targets) five shots per man at each range. The match was won by the team from Co. B, whose aggregate score was 336 points out of a possible 280. The following shows the result of the competing teams in order of merit:

Co. B, Capt. Burns.	Co. F, Capt. Murphy.
Sergt. Van Heusen..... 47	Sergt. Wunnenberg..... 41
Capt. Burns..... 42	Pvt. O'Connell..... 41
Pvt. Corrie..... 42	Capt. Murphy..... 38
Pvt. Leach..... 41	Sergt. Dentinger..... 38
Sergt. Norrigha..... 38	Sergt. Galliard..... 35
Total..... 305	Total..... 197

The aggregate scores of the other teams were Co. G, 180; Co. I, 156; Co. K, 155. The latter shot very quickly, completing their scores in 16½ minutes.

\*We are indebted to Brig.-Gen. Joseph C. Breckinridge, Inspector-General of the Army, for copies of the reports made to him by the officers detailed to inspect the State camps.



**Twenty-second New York—Col. John T. Camp.**

On Oct. 10 Governor Hill took a decided step in the regimental troubles by issuing an order disbanding Co. C, Capt. Lillendahl; Co. F, Capt. Du Bois, and Co. I, Capt. Leo, and placing the officers of these companies on the supernumerary list. The orders issued direct that the three companies are to be mustered out as follows: Co. C, Oct. 22; Co. F, Oct. 24; Co. I, Oct. 28. The Governor also directed that the charges made against Col. Camp, as well as the charges made by Col. Camp against Capt. Hart, Demarest, Preece, Thurston, Finch, and Malinoff, be dismissed, and the court ordered for the trial of the six captains be dissolved. The above action was quite unlooked for. There is every reason to believe that the organization will remain and hold its place as one of the best in the State. The resignations of the officers are now in the hands of Gen. Porter, who will hold them in abeyance. The action of the Governor leaves Col. Camp in command of the regiment and restores the six captains recently placed in arrest to their companies. Whether all of these will be retained is still a question. Although the seven remaining companies have been behind in their finances to the regiment, they can undoubtedly pay up their dues very easily, as they can have ample funds laid by. The narrow escape of the 22d from being wiped out of existence should serve as a warning to such other commands as seem inclined to bring scandal on the service. The losing of several regiments in the first or second brigades would be deeply regretted, but the fact remains that their loss could speedily be made up in the interior of the State and with the best of material. There are numberless requests for the organization of separate companies throughout the State, which, owing to the limit of number prescribed by law, cannot be granted.

**SOME COMING EVENTS.**

We have received notification of the following:  
Oct. 18—Sharpshooter's Match at Creedmoor.  
Oct. 22—Free Practice Day at Creedmoor.  
Oct. 23—Qualification and Marksman's Badge Match at Creedmoor Range.  
Nov. 1—Sharpshooter's Match at Creedmoor.  
Nov. 4—Election Day Matches, N. E. A., at Creedmoor, L. I.  
Nov. 5—Athletic games, 47th N. Y., Brooklyn, at armory.  
Nov. 8—Athletic games, Co. F, 24th N. Y., at armory.  
Nov. 11—Inspection and Muster 9th N. Y., at armory.  
Nov. 12—Inspection and Muster 69th N. Y., at armory.  
Nov. 13—Inspection and Muster 14th N. Y., at armory.  
Nov. 14—Inspection and Muster 13th N. Y., at armory.  
Nov. 15—Review of the 28th N. Y., at armory.  
Nov. 15—Athletic games, 1st Regiment, Penn. N. G., at armory, Philadelphia.  
Nov. 20—Parade and concert, 12th N. Y., at armory.  
Nov. 22—Athletic games, 8th N. Y., at armory.  
Nov. 29—Athletic games, Co. D, 23d N. Y., at armory.  
Dec. 10—Joint reception Cos. C and D, 12th N. Y., at armory.  
Dec. 15—Athletic games, 12th N. Y., at armory.  
Dec. 17—Athletic games, Co. D, 9th Regt., N. Y., and Star Athletic Club, at armory.  
Jan. 22—Annual ball of the Old Guard, N. Y., at Metropolitan Opera House.

(Correspondence of the Army and Navy Journal.)

**KANSAS.****FORT SCOTT, Oct. 8, 1890.**

The 1st and 3d Regiments, Kansas National Guard, went into camp at Bismarck Grove on Oct. 1. The most of the men of these regiments arrived early in the forenoon, pitched tents, drew rations, straw and wood, and settled down for a week's encampment. Col. Burch, of the 1st, and Col. Hughes, of the 3d, were on the ground early in the morning directing the formation of the camp. Adj. Gen. Roberts was also on the ground superintending the collecting of the necessary supplies for maintaining a military encampment. The General is a tried soldier, and has done more for the Guard than any other Adjutant General of the State has ever done, notwithstanding he has been hampered at every step. It was through his untiring efforts that this encampment was held. He wanted to carry out the statutory requirements, and have the Guard as into camp for at least a week, but the last Legislature refused to make the necessary appropriation to defray the costs of an encampment, and hence an encampment could not be ordered. The citizens of the City of Lawrence, appreciating his ability and his service in bringing order out of confusion, said: "Pitch your camp at Bismarck Grove, near our city, and we will furnish your men rations for six days."

At 5 P. M. Col. Forsyth, of the U. S. Army, arrived from Fort Riley with six troops of the 7th Cavalry, and a section of Battery A and F of the 2d Artillery. This command camped just east of us, and was of great benefit to the officers and enlisted men of the Guard. The officers were affable and courteous, and at all times ready and willing to give instruction in all matters pertaining to the art and science of war, and from them and the men under their command the officers and enlisted men of the Guard learned much that is valuable concerning the duties of soldiers when in camp. The men of the Guard were encouraged to visit the camp of this command, and to observe the condition of the camp and the manner of doing duty by the men. The writer visited the camp as often as was consistent with his duty as company commander, and was always kindly received and treated with marked respect. Some of these officers, like myself, served through the late war.

Saturday evening the citizens of the City of Lawrence banqueted the officers of the Regular Army and the Kas. N. G., at the Eldridge House.

Monday morning at 10 o'clock the Guard was inspected by Col. Forsyth and Capt. Haskell, and by 5 P. M. most of the boys were on the march home. Thus ended a very pleasant as well as beautiful encampment. C.

**PENNSYLVANIA.**

The annual rifle contest between the commissioned officers of the 1st Regiment took place Oct. 10 at the Harbriant Range, Philadelphia. The contestants shot were 200 and 300 yards, with 10 shots each, making each participant's score a possible 100. The following records were made, with a strong S. O. clock wind blowing:

Co. F—Lieut. T. E. Heath, 88; Capt. Geo. Eiler, Jr., 71; Lieut. Wm. Brod, 71. Agg., 225.  
Co. A—Lieut. C. B. Nichols, 79; Lieut. C. E. Rogers, 68; Capt. K. W. Magill, 66. Agg., 213.  
Co. D (two only)—Lieut. A. W. Deane, 79; Lieut. H. J. Crump, 72. Agg., 151.  
Co. H—Lieut. E. J. Kennel, 61; Capt. C. T. Kennel, 46; Lieut. W. J. Moore, 35. Agg., 141.  
Adj. E. K. Stockton, 67; Quartermaster F. P. Koons, 53. Agg., 119.

Co. F's team won the match and Lieut. Heath with the highest score, 88, will get the handsome medal. There were thirteen teams—ten from companies and three from field and staff. Many officers shot only for practice and their scores were not taken. Only three complete teams reported.

**CONNECTICUT.**

At the 2d Regiment rifle tournament at Quinnipiac range, New Haven, Oct. 9, Co. K, of Wallingford won the team prize for the third time in succession, thus gaining possession of the cup. The score (at 200 and 300 yards) was 404; Co. A of Waterbury won second prize, with 373; I, 347; E, 343; B, 335; D, 315; F, 312; field and staff, 255. Sergt. Goldsmith, of Co. A, made the highest individual score on the teams—59. There were many and costly individual prizes. The Col. Smith badge, solid gold, set with diamonds, was won by Corp. Joy, of Co. D. Capt. La Barnes, of Co. K, won the Lieut. Col. Bacon medal; Corp. Scheppe, of Co. B, the Gen. Ford medal, and Lieut. Hall, of Co. K, the Col. Baird badge. The Governor has appointed Sergt. Louis N. Marcey, 3d

Lieutenant of Co. F, 1st Regt., vice Newton, dismissed, twice re-elected and twice rejected. Capt. Wickham, of that company, this week, it is stated, is enlisting men who have never been voted on by the company.

The Adjutant General has issued orders for the beginning of the drill season Nov. 1. He says particular attention will be paid to guard duty (as suggested herein), and that skirmish drill must be by the bugle. Staff officers will visit the armories and attend drills without previous warning, and will make reports on the same to the Adjutant General.

**VARIOUS.**

At a recent meeting of the board of officers of the 69th Regt., it was decided to do away with the green and red plumes worn by the commissioned officers. The action caused considerable comment and surprise. It is insinuated that this change is owing to a comparison instituted some time ago by the ARMY AND NAVY JOURNAL between the quantity and quality of the verdure to be seen on the top of the head dress of the officers and that to be seen underneath it.

The second great winter games of Co. D, 47th N. Y., will take place at the armory, Marcy avenue, Hayward and Lynch streets, Brooklyn, N. Y., on Wednesday evening, Nov. 5, beginning at 8 o'clock. The following handicap events are open to all amateurs: 75 yd. dash, 1 mile run, running high jump, 880 yd. run, 1 mile walk and 1½ mile bicycle race, and 880 yd. run (novice), scratch, for those who never won a prize. Elegant gold hunting-case watch to 1st, and gold open-face watch to second in all events. Entry fee, 50 cents for each event, and close Nov. 1. Dancing to follow games. Music by regimental band. Admission, for gentleman and lady, 50 cents; extra lady, 25 cents.

The 1st Regt., Mass. V. M., Col. Mathews, held its annual field day at New Bedford on Oct. 13. The work consisted of instruction in advancing into an enemy's country, the clearing of woods and thickets of anything like an enemy, the holding of an important railroad connection, and, finally, a battle between forces, the one covered by a heavy wood and attacking another in open field. It was a very successful day's manoeuvre.

The parade of the 1st N. Y. Brigade at Van Cortlandt Park, which was expected to take place on Oct. 23 has been abandoned for this season. Col. Green, Chief Engineer of the brigade, who has made an examination of the ground, reports to Gen. Fitzgerald that the recent extended rains have made the parade very soggy, which would interfere with the manoeuvres considerably; especially as the new ground has not yet had time to harden sufficiently.

In connection with the rumor that Col. Austen, of the 13th N. Y., would be a possible successor to Col. Camp, of the 22d N. Y., a private of Co. B, 13th N. Y., requests us to publish a letter, in which he says, among other things: "I want to say that the men of the 13th Regiment would not let him go because they know full well there is not another colonel in this or any other State that is his equal. A splendid soldier and a rigid disciplinarian, such is the man that the men of the 13th Regiment respect and admire. The State of New York is proud of such a splendid product of its military service. Col. Austen stands as a living example to the entire National Guard, showing to what position a man may rise to, if he have that indomitable will and character, though he may not have those shining qualities which characterize Col. Austen."

Dr. Wolfgang Goetz, the genial ex-Surgeon of the old 11th N. Y., has purchased the elegant dwelling house at 732 St. Nicholas avenue, N. Y. City, where he now resides, and is always pleased to see his old friends. The doctor is still interested in military affairs, and publishes the "Journal of the Red Cross," a valuable periodical, and one which members of the Ambulance Corps would do well to read.

Co. K, 13th N. Y., Capt. C. H. Luscomb, intend to hold an interesting set of athletic games at the armory some time in January next.

Cos. C and D, 12th N. Y., will unite in a joint entertainment at the armory on Dec. 10 next. There will be a guard mount followed by a reception.

Col. Peter C. Ellmaker, a veteran soldier of Pennsylvania, died at Philadelphia, Oct. 12. His first enlistment was in the Washington Grays in 1834 serving until April, 1861, when he organized the 1st Regiment of Pennsylvania and was its first commander. He afterwards organized the 119th Pennsylvania Reserves and commanded that regiment during its three years' service with the Army of the Potomac, excepting the short time he commanded his brigade. When the 119th was mustered out, he again renewed his interest in the 1st, joining the Veteran Corps and collecting a very large amount of the money required to build the new armory. He assisted in organizing the 20th Emergency Regiment, which served with the State Guards while they were on duty during the riots of 1877. For 56 years he has attended the meetings of the Washington Grays. He has served as a U. S. Deputy Marshal, was chief marshal of President Taylor's funeral, and rendered important service on many other occasions.

Capt. A. W. Belknap, Co. B, 71st N. Y., sent in his resignation this week with the understanding that if it would prevent the disbandment of the company, it go through, if otherwise, that he be allowed to withdraw it.

Capt. John Kerr, who for 25 years has been the commander of Co. K, 69th Regt., died suddenly Oct. 14 while visiting the armory of the regiment. At the breaking out of the rebellion he enlisted in the 69th Regiment and served with it until the close of the war, and then was elected captain of Co. K. He was a member of Shields Post, G. A. R.

An unusual number of men availed themselves of the opportunity for free practice at Creedmoor on Oct. 8, chief among whom was a detachment of some 100 men of the 13th Regiment in command of Col. Austen. The latter made quite a brilliant move in securing rations. Seeing so many men on the range, Col. Austen asked the proprietor of the restaurant how many dinners he had in his place, and the latter replied 65. "I'll buy them all," said Col. Austen, and he did so, and to further secure the provender to the right parties, Col. Austen put a guard around the "hotel," which some of the riflemen "let in" endeavoring to pass, but without purpose. Some of the shooters are still pondering why they could not get into the hotel to buy a dinner.

Architects will be invited to prepare plans in a few days for a new armory for the 71st N. Y. These plans are to allow for quarters for the 2d Battery and for 1st Brigade Headquarters. Plans for the 9th Regiment armory will also be called for shortly.

Co. H, 14th N. Y., will give a reception at the armory on the evening of Nov. 25.

Co. B, 13th N. Y., will hold their annual full dress reception on Thanksgiving eve, Nov. 26, at the armory.

Co. G, 23d N. Y., will give a dramatic entertainment in the Criterion Theatre on Nov. 22, for the benefit of the new armory fund. The drama "Engaged" will be enacted.

The first of the winter entertainments of the 23d Regiment will be given on the evening of Nov. 15. Col. Partridge tendered a review of the regiment to the commanding officer of the 1st U. S. Artillery, Colonel Loomis L. Langdon, who has accepted the invitation to review it. The officers of the regiment will give a dinner to the regimental team at the Clarendon Hotel, Oct. 25.

Capt. William B. Pettigrew, on Oct. 15, was elected major of the 47th N. Y. to fill the vacancy caused by the promotion of Major John G. Eddy to the lieutenant-colonelcy about six months ago.

A troop of cavalry, it is expected, will soon be organized in Brooklyn. The plan has been under way for several months, and on Oct. 14 a meeting was held in 2d Brigade headquarters for the purpose of bringing matters to a head. At this meeting Capt. Cochran was elected chairman and James Smart secretary. A committee on membership was appointed, consisting of ex-Major J. Fred Ackerman, N. S. Van Dyke and William F. Penney. A committee was also appointed to secure a suitable place to ride. These com-

mittees will report at a meeting to be held at brigade headquarters Oct. 21.

Major Gen. Plume, commanding the 1st Division of the N. G., N. J., has made the following appointments on his staff, to rank from Oct. 1: Lieut.-Col. Frederick S. Fish, the present judge advocate, promoted to colonel and division inspector; Major John A. Miller, Jr., aide-de-camp, promoted to lieutenant colonel and judge advocate of the division; Leon Abbett, Jr., to be major and aide-de-camp on the division staff.

**ANSWERS TO CORRESPONDENTS.**

J. M. H. asks: Could an enlisted man retired under the 30 years' act accept a Government position, say in a Navy-yard? **Ans.**—Yes.

H. C. A.—The chevron of a hospital steward, U. S. Army, is three bars and an arc of one bar of emerald green cloth enclosing a red cross.

A. H.—See answer to "Constant Reader" on the subject of war service counting double for retirement, in JOURNAL of Oct. 11, 1890, page 113.

Wearry of Waiting.—Be patient a little longer. Several of the ordnance sergeants who are eligible for retirement are, we believe, soon to seek the  *dolce far niente*  of the retired list.

A Constant Reader.—In your next issue will you please state how many candles power the search light on the U. S. S. Chicago has. **Ans.**—They are 50 Ampere lights of approximately 10,000 candle power each. Two lights.

W. N. asks: 1. When will the Concord be put in commission? **Ans.**—About Jan. 1.

2. Who will be her commanding and executive officers? **Ans.**—Commander O. A. Batcheller will probably command her. Executive officer not yet selected.

**Military Order of the Loyal Legion.**

The reception to the Comte de Paris and suite at Philadelphia, Oct. 6, by the Pennsylvania Commandery of the Loyal Legion at the Union League was altogether a pleasant and successful affair. The distinguished party arrived from Wootton a few minutes after 9 P. M., and at once the electric jets flashed out, a bugler stationed at the foot of the stairs sounded the assembly, and the marine band above burst out into "The Loyal Legion March," composed by Leader Sousa. The Count took station beneath a canopy, to his right stood his son, the Duc d'Orleans, and to his left Mr. Geo. W. Childs, the *dux* of the party and the Reception Committee taking their places beside or opposite. The reception lasted nearly three-quarters of an hour, an interesting incident being the appearance of Pay Director Russell, U. S. N., who had in his possession two photographs of Gen. McClellan and his staff, taken on the Peninsula in 1862. At the close of the reception, the Count and his party were escorted to a private apartment on the first floor, when they partook of luncheon.

The annual meeting of the Commandery-in-Chief opened at St. Louis Oct. 15 in the Lindell House. There was a large attendance.

**NEW PUBLICATIONS.**

The two noble volumes of Henry M. Stanley's work, entitled "In Darkest Africa, or the Quest, Rescue and Retreat of Emin, Governor of Equatoria," Charles Scribner's Sons, publishers, are a monument of literary enterprise. Stanley arrived at Cairo on Jan. 16, 1890, after an absence of three years from civilization, having reached Alexandria, on his way to the heart of Africa, on Jan. 27, 1887. In nine days more he had commenced work upon this narrative, and in fifty days it was completed. To write at all, immediately after passing through such an experience, was possible only to a man trained to the use of the pen, and it is not strange that even he, after writing 903 foolscap pages, besides 400 letters and 100 telegrams, should have been "compelled from overweariness to beg the reader's permission to conclude." It is easy, knowing the circumstances, to point out instances of hasty composition, but these do not interfere with the flowing ease and the unflagging interest of the narrative. It was rare good fortune that set to the task of exploring Africa a man of such readiness of resource in so many ways as Mr. Stanley. If the time was ripe, the man was ready. Sixteen times has the African continent been traversed, but it was left for Mr. Stanley to make it familiarly known as part of the everyday world. That old rascal, Tippoo Tib, here takes his place among the potentates, and the names of the numerous dusky chiefs scattered along the line of Stanley's march become familiar to the outside world. So far as accomplishing the main purpose of his expedition, Mr. Stanley does not show altogether brilliantly. At the end of the exhausting march through the woods, he seems to have found Emin Pacha in a fitter condition to rescue him, and his diminished columns, than he the Pacha. Nor do the two men appear to have fallen ardently in love with one another. Emin, while duly recognizing the service rendered, evidently did not desire to be rescued. Stanley brought the unwelcome intelligence that he could no longer depend upon the Egyptian Government for aid, and after thoroughly discussing the question, the Governor of Equatoria decided that retreat was the only course left open to him. In the midst of his trying experiences, Emin continued to the end, the calm, cool, critical and skeptical German savan. Stanley was fired with the spirit of the Crusader and bears marked testimony in his volumes to his belief in the Christian religion whose text book was his constant companion in his wanderings, and whose doctrine of an over-ruling Providence he accepts as proven by his own remarkable experiences. Here, perhaps, is to be found the secret of the want of concord between the two. The spirit in which Mr. Stanley deals with his fellow-explorer is a critical one, in spite of his evident effort to treat him with fairness. Such differences will be forgotten hereafter, and both men will take their places on the record of those who have by directing civilized attention to the possibilities of the dark continent opened before it a great future. Railroads will soon penetrate the now impassable jungles of Africa, and steamboats traverse its great rivers, opening the interior of the country to the educating and humanizing influences of commercial intercourse. To no man in that day will greater credit be accorded than to the Anglo-American Stanley.

The November Century will contain nearly a hundred illustrations, and several of the most important serial features of the new volume are to begin in that number. Gen. John Bidwell will open "The Gold Hunters" papers with an account of the experiences of the first emigrant train to cross the



Rockies in 1841, seven years before the gold discoveries. John Hay will describe "The White House in the Time of Lincoln," with many new anecdotes.

#### ORDNANCE NOTES.

Commodore Folger, chief of the Bureau of Ordnance in the Navy Department, has been collecting samples of nickel ore from all the sources of supply, both in this country and abroad, and the Navy Department will at an early date invite proposals for the sale of ore so as to get the benefit of competitive prices. Samples have thus far been received from the Canadian Copper Company, controlling the mines in the Sudbury region; the Dominion Mining Company, and the Murray mines, controlled by the Vivians, of London. The Navy Department will take no steps towards contracting for armor for the new battleships until some further experiments have been made to determine the value of nickel-steel armor, and the best proportion of nickel to use in the alloy.

The Paris special correspondent of the New York Herald cabled to that paper of Oct. 12 a statement reported to have been personally received from M. Giffard, inventor of the carbonic-acid gas repeater, that the patents had been purchased by the Colt Patent Fire Arms Co., of the U. S., at a sum of £200,000. This is but repeating a story which appeared in the same connection very soon after the first introduction of this ingenious, but apparently impracticable, military weapon to public attention. It is altogether improbable that the able management of the Colt Co. has entertained the purchase of the Giffard invention at the extraordinary sum reported. We have heard the rumor that Mr. Hull, the General Manager of the company, together with an American scientific expert, inspected the Giffard system some time since in Paris, and that subsequent experiments have been made testing its adaptability for sporting arms at the armory in Hartford, but do not undertake to vouch for its truth. Two months ago there was an attempt to exploit the invention in London, which seems to have been resultless. Our Paris military contem-

poraries refer to the system but very rarely, and then in a tone indifferent, if not satirical.

#### FOREIGN ITEMS.

SWIMMING exercises, it is said, are in future to form part of the training in the British Army, and the establishment of swimming schools, both for horses and men, is looked forward to.

A CIRCULAR has been issued by the British Government denying the report that fever prevails to an alarming extent among the Grenadier Guards, who are now stationed in Bermuda, and that a large number of deaths have occurred. The circular states that there has been only one death from fever in the regiment.

A LONDON despatch of Oct. 13, says: "There has been a mutinous outbreak in the ranks of the East Surrey Regiment, stationed on the island of Guernsey. A detachment of the regiment was ordered to India, the men refused to prepare for departure, and as things were assuming a threatening aspect, the rebels were dispersed. Finally, however, all embarked on the waiting vessel, but in a sulky and menacing mood."

It is stated that the Austrian hydrographic bureau adopts the following method of making paper transparent for copying drawings. The sheet of paper being placed over the drawing to be copied, it is lightly rubbed with a ball of cotton saturated with pure benzine. The tracing can then be readily made, owing to the resulting transparency, and the benzine, on evaporating, leaves the paper opaque as before, and without any trace of odor. Absolute purity of the benzine, however, must be insisted upon to secure good results.

In his book on famines in India, the late Mr. Thomas says: "Perhaps the most economical application of power in the conveyance of goods in the world is that which is to be seen in the canals of Malabar. There, a tree, 60 ft. long and 2½ ft. in diameter, is hollowed into a canoe; the opening above is not wider than a plank would cover. This canoe will carry with ease five tons of grain. It floats on the water like a duck, requires little depth and little width. A boy sits at the helm steering and

a man propels it by walking along the plank with a punting pole against his chest. This man and boy take this boat containing 12 ordinary cartloads of grain 30 miles in the 24 hours, thus, for six annas—9d.—doing three days' work of 12 carts with their pairs of bullocks and of their drivers."

THE estimated cost of the new armored battleship Hood, which has been commenced at Chatham Dockyard, is £200,000, but this sum does not include the cost of her armament of 69-ton guns. The new vessel, which is the largest of her class built at Chatham, is intended to be the most powerful of the Admiral type of ships. She will have a displacement of 14,150 tons, being nearly 4,000 tons in excess of the Rodney, the last of her class built at Chatham. The Hood's machinery will give the vessel a speed, with the engines working at forced draught, of 20 knots per hour.

#### REVENUE MARINE.

OCT. 10.—2d Assistant-Engineer D. T. Cross, detached from the Crawford and placed on waiting orders.

#### PATENTS FOR MILITARY INVENTIONS.

A SELECTED list of patents reported especially for the U. S. ARMY AND NAVY JOURNAL by C. A. Snow and Co., Patent Attorneys, opposite Patent Office, Washington, D.C., all bearing date of Oct. 14:

J. B. Brennan, Lynn, Mass., unweilded lock-brace strap for boiler heads.  
A. B. Faunce and S. G. Cabell, Quincy, Ill., electric means for preventing boiler incrustation.  
M. W. Dewey, Syracuse, N. Y., utilizing electricity in the formation of cartridge cases.  
C. Raube, Dusseldorf, Germany, machine for boring cartridge shells.  
J. A. Squires, Pierpont, N. Y., centre board for boats, yachts, etc.  
C. H. Fish, Manchester, N. H., feed-water heater for steam generators.  
T. A. Edison, Menlo Park, N. J., fuse block.  
D. V. Brown, Philadelphia, Pa., combined optical measuring, nose conforming and recording instrument.  
H. Thomas, New York, propeller screw.  
G. J. Keller, Osceola, Neb., submerged metallic pump.  
J. H. Smith, Southport, England, patch for breaches in ships.

## OUT OF PAPER?

We also make a specialty of Wedding and Visiting Cards, Stamping Cards, Monograms, Street addresses, Business address, Fine printing, etc., etc. Our prices are reasonable and our workmanship and material of the best quality. Samples upon application. Correspondence solicited.

## ARMOUR'S EXTRACT OF BEEF.

The best and most economical "stock" for Soups, Sauces, Beef Tea, Etc.  
ARMOUR & CO., Chicago, Sole Mfrs.

## PEARS'

Is the PUREST, BEST and Cleanest SOAP ever made.  
Of all Druggists, but beware of imitations.

## KNABE

PIANOFORTES.  
UNEQUALLED IN  
Tone, Touch, Workmanship, and  
Durability.

WILLIAM KNABE & CO.  
BALTIMORE: NEW YORK:  
22 & 24 E. Baltimore St. 148 5th Av. n'r 20th St.  
WASHINGTON: 817 Market Space.

F. J. HEIBERGER,

ARMY & NAVY MERCHANT TAILOR,

15TH ST., opposite U. S. Treasury,  
WASHINGTON, D. C.

\$25,000.00 IN CASH TO SMOKEKS OF

TANSILL'S PUNCH 5¢

Address R. W. TANSILL CO., CHICAGO.

If so, and you desire good writing paper at reasonable prices ask your Stationer for BOSTON LINEN (for fashionable correspondence), BOSTON BOND (for foreign correspondence), BUNKER HILL LINEN (for ordinary correspondence).

If he does not keep them, send us your name with 6 cts. (to pay postage, etc.) and we will forward you our complete set of samples representing in the various styles and sizes over

300 Varieties Which We Sell BY THE POUND.

Our papers have gained an unprecedented reputation in every State and Territory in the Union on account of their excellent quality and reasonable prices. Postage on paper is only 16 cts. per pound. Express and freight often cheaper still.

SAMUEL WARD CO. (Incorporated),  
Paper Merchants, Stationers, Engravers and Printers,  
49 and 51 FRANKLIN ST., BOSTON, MASS.

#### NEARLY READY:

Biographical Register

OF THE

Officers and Graduates

OF THE

U. S. Military Academy

AT WEST POINT, N. Y., FROM ITS ESTABLISHMENT, MARCH 16, 1802,  
TO JANUARY 1, 1890.

BY BREVET MAJOR GENERAL

GEORGE W. CULLUM,

Colonel of Engineers, U. S. Army, Retired.

#### THIRD EDITION.

In three volumes, octavo.

N. B. To those who subscribe for the work before publication, the price will be Fifteen Dollars (\$15.00). On and after publication the price will be Eighteen Dollars (\$18.00).

Address the Publishers,

HOUGHTON, MIFFLIN & CO.,  
BOSTON.

11 East 17th St., New York.

#### ALLAN RUTHERFORD

Late Third Auditor U. S. Treasury, late Capt. U. S. Army, and Colonel of Volunteers. ATTORNEY AND COUNSELLOR AT LAW, Atlantic Building, 225 F Street, Room 123, Washington, D. C.

Having been Third Auditor U. S. Treasury for six years, I am thoroughly familiar with the course of business before the Executive Departments at Washington. Special attention given to the settlement of Officers' Accounts, Claims for Pension and Bounty, Claims of Contractors, and generally all business before any of the Departments, Congress or the Court of Claims. Refers to Gen. W. S. Rosecrans, Register U. S. Treasury, Washington, D. C.; Hon. W. P. Canaday, Sergeant at Arms, U. S. Senate, Washington, D. C.; Gen. O. O. Howard, U. S. Army.

## Arnold, Constable & Co.

"CARTWRIGHT & WARNER'S" CELEBRATED UNDERWEAR.

LADIES', MEN'S AND CHILDREN'S

Silk, Silk and Wool, All Wool Camel's Hair and Natural Wool UNDERWEAR.

FALL HOSIERY.

Embroidered and Open Work Silk Hose,

Ladies' and Children's Real Balbriggan Hose.

Black, WARRANTED FAST COLORS AND STAINLESS.

LADIES' RIBBED SILK Union Suits.

BROADWAY AND 19TH ST., NEW YORK.

## JOHN PATTERSON & CO.,

TAILORS AND IMPORTERS,

No. 25 and 27 West 26th Street.

NEW YORK.

Successor to HOWARD ACKERMAN.

#### UNIFORMS.

## JOHN G. HAAS, Lancaster, Pa.

UNIFORMS AND FINE MERCHANT TAILORING. WELL KNOWN TO ARMY OFFICERS FOR THE PAST FOURTEEN YEARS.

PERFECTION IS OUR AIM.



## F. J. KALDENBERG CO.,

MANUFACTURERS OF

Meerschaum and French Briar Pipes.

and all kinds of SMOKERS' ARTICLES, WALKING STICKS, etc. Special attention given to ordered work, and repairing. Send for our Illustrated Price List.

P. S. All Genuine French Briars of our make are stamped F. J. K. in a Sunbeam.  
211-229 EAST 33d STREET, NEW YORK.



"Oh! that bothersome shave."

Why torture yourself?

## TORREY

The Torrey Razors are forged from the finest steel. Each blade is carefully tested before it leaves the factory. Every Razor sold under a GUARANTEE to Give Satisfaction. If not to be had of your dealer, send for Catalogue B—tells how to sharpen a Razor.  
J. R. TORREY RAZOR CO., WORCESTER, MASS.

## L. M. LONGSHAW,

(Late 30th and 4th U. S. I.)

ATTORNEY & COUNSELLOR-AT-LAW

Will practice before the Courts, Court-martial and Departments.  
Special attention to Patents, Land, Pensions and Government Claims.

Send for blanks and instructions.  
FLEMING BUILDING, WASHINGTON, D. C.

Mention this paper.

The only tactics for sale at any price containing Late War Department Decisions, viz.: Reed's Military Science and Tactics, 6th edition. Illustrated. 664 pages. Leather. A standard volume.....\$3.00  
Army......50  
Br'm......25  
Inf'y......25  
Sign'l......50  
Powers' Display Movements, etc.; 1st Sgt. Roll Book, \$1.50. HUGH T. REED, Publisher, 78 State St., Chicago, Ill.



### CATARRH.

#### CATARRHAL DEAFNESS—HAY FEVER.

#### A NEW HOME TREATMENT.

SUFFERERS are not generally aware that these diseases are contagious, or that they are due to the presence of living parasites in the lining membrane of the nose and eustachian tubes. Microscopic research, however, has proved this to be a fact, and the result of this discovery is that a simple remedy has been formulated whereby catarrh, catarrhal deafness and hay fever are permanently cured in from one to three simple applications made at home by the patient once in two weeks.

N. B.—This treatment is not a snuff or an ointment; both have been discarded by reputable physicians as injurious. A pamphlet explaining this new treatment is sent free on receipt of stamp to pay postage, by A. H. Dixon and Son, 337 and 339 West King Street, Toronto, Canada.—*Christian Advocate*.

Sufferers from Catarrhal troubles should carefully read the above.

R. W. TANSILL CO., Chicago, invite all CANTEENS to address them concerning their \$25,000.00 cash distribution to smokers, as it is something of interest to soldiers.

### FOR A DISORDERED LIVER try BEECHAM'S PILLS.

PEAR'S Soap secures a beautiful complexion.

ANGOSTURA BITTERS is known all over the world as the great regulator of digestive organs. Dr. Slogert's is the only genuine. At all druggists.

### BIRTHS.

POINDEXTER.—At Camp Poplar River, Mont., Oct. 2, 1890, to the wife of Asst. Surg. J. D. Poinexter, U. S. Army, a daughter.

### MARRIED.

GILMAN—LAMR.—At St. Paul, Minn., October 1, Lieut. HOWARD K. GILMAN, U. S. Marine Corps, to Miss MAMIE LAMB.

GRISARD—KEEHLN.—At Salem, N. C., Oct. 14, 1890, Lieut. JOHN S. GRISARD, U. S. Army, and Miss MAY KEEHLN. No cards.

KING—WATERS.—At New York City, October 7, EDWARD CLAYTON KING to Miss LUCY TYSON WATERS, daughter of the late Commander John Waters, U. S. Navy.

ROLLINS—McCUNE.—At Columbia, Mo., Sept. 27, Mr. H. B. ROLLINS, son of Captain J. H. Rollins, U. S. A., to Miss JENNIE McCUNE.

### DIED.

BEKNAP.—At Washington, D. C., October 13, General WILLIAM WORTH BEKNAP, ex-Secretary of War.

DEERING.—At Washington, D. C., Oct. 13, Paymaster GEO. A. DEERING, U. S. Navy.

HASCALL.—At Chicago, October 14, Brevet Lieut. Colonel HERBERT A. HASCALL, Captain U. S. Army, retired.

HUNTINGTON.—At Saratoga, N. Y., October 14, Commander CHARLES L. HUNTINGTON, U. S. Navy.

KIRTLAND.—At Orange, N. J., October 11, Mrs. JOHN KIRTLAND, daughter of the late Captain Thomas L. Campbell, U. S. A.

SANDS.—At Brooklyn, N. Y., October 7, Mrs. ELIZABETH SANDS, widow of Purser William M. Sands, U. S. N.

SIMMONDS.—At Galveston, Tex., October 14, Lieutenant FREDERICK J. SIMMONDS, U. S. R. M.

## BLACK GOODS.

(SECOND FLOOR.)

In anticipation of an advance in prices, we have secured a large lot of Black Silk Warp Henrietta from a most celebrated English maker, and shall place it on sale at the following exceedingly low prices:

\$1.10 per yard,  
\$1.25 " "  
\$1.50 " "  
\$1.75 " "  
\$2.00 " "

These prices are at least 30 per cent. below the present value.

Also a full line of Plain and Fancy Black Sicilienne, of which the \$1.50 quality merits special attention.

## JAMES MCCREERY & CO.

BROADWAY AND 11th ST.  
NEW YORK.

## STONINGTON LINE.

### All Fares Reduced.

THE INSIDE ROUTE FOR  
BOSTON, \$3; PROVIDENCE, \$2.25; WORCESTER, \$2.25; and all New England points. Steamers leave new Pier 36 N. R., one block above Canal St., at 5 P. M., Sundays excepted.

THE DAVIDSON STEAM PUMP & PUMPING ENGINES, Warranted the BEST for all Situations.

MARINE PUMPS A SPECIALTY. Manufactured by  
M. T. DAVIDSON  
43-53 Keap St.  
77 Liberty St., N. Y. Brooklyn, N. Y.

## E. & H. TANTHONY & Co.

591 B. WAY, N. Y.  
PHOTOGRAPHIC OUTFITS  
CATALOGUE FREE.

## \$10 CASH

An investment of this amount and \$5 per month will realize to the purchaser 100 per cent within two years. One of the best suburban properties in Tacoma, Wash., on the line of street railway connecting the flourishing cities. Price of lots \$100 liberal concessions made to parties buying in large quantities for cash. Reference, Washington National Bank & S. GILLETTE, 1216 Pacific Ave., Tacoma, Washington.

*Hinney Bros*  
SPECIAL FAVOURS.

The Best High-Class  
CIGARETTE.  
WARRANTED STRICTLY PURE.

For a Disordered Liver  
Try BEECHAM'S PILLS.  
25cts. a Box.  
OF ALL DRUGGISTS.



HOLLOWAY READING STAND.  
Dictionary Holder, Book-rest, Lamp Stand and Card Table combined. Holds book open for sitting or lying down reading. Send for illustrated Catalogue.  
THE HOLLOWAY CO., Cuyahoga Falls, O.



GOLD MEDAL, PARIS, 1878.

W. BAKER & CO.'S  
Breakfast Cocoa

Is absolutely pure and it is soluble.

No Chemicals  
are used in its preparation. It has more than three times the strength of cocoa mixed with starch, Arrowroot or Sugar, and is therefore far more economical, costing less than one cent a cup. It is delicious, nourishing, strengthening, EASILY DIGESTED, and admirably adapted for invalids as well as for persons in health.

Sold by Grocers everywhere.  
W. BAKER & CO., Dorchester, Mass.



7% City Mortgages Only 8%  
FOR PARTICULARS ADDRESS  
Tacoma Investment Co. 10%  
TACOMA, WASH.

### D. L. DOWD'S HEALTH EXERCISER.

For Brain-Workers and Sedentary Peoples: Gentlemen, Ladies, Youths; Athletes or Invalids. A complete gymnasium. Takes up but 6 in square floor room; new, scientific, durable, comprehensive, cheap. Indorsed by 30,000 physicians, lawyers, clergymen, editors and others now using it. Send for illustrated circular, 40 engravings, no charge. Prof. D. L. Dowd, Scientific, Physical & Vocal Culture, 9 East 14th St., New York.

## THE MUTUAL LIFE INS. CO. OF NEW YORK.

RICHARD A. MCCURDY, Pres.

ROBT. A. GRANNISS, Vice-Pres.

Assets, over - - \$140,000,000.

This great Company has recently established a MARITIME DEPARTMENT primarily designed for promoting its system of LIFE INSURANCE among Captains, Engineers and Officers of the Commercial Marine, U. S. Army and Navy and the Revenue Marine. The Special Bureau of the Company, instituted in 1887 for the particular claims of the United Service and which has attained a distinct and permanent success, will be henceforth included in this new Department. Attention is particularly called to the fact that the extra premium charges heretofore made to ARMY, NAVY and REVENUE MARINE Officers will be dispensed with, the rates in the future being on the same basis as for persons in civil life and ordinary business.

CAPTAIN H. R. FREEMAN, formerly in the Cromwell Line Steamer Hudson is in charge of the new Department, and will be pleased to extend the courtesies of the office to officers of the United Service.

MUTUAL LIFE BUILDING, No. 59 Cedar Street, New York.

## THE CELEBRATED BOOSEY BAND INSTRUMENTS.

WM. A. POND & CO., 25 Union Sq., N. Y., U. S. Agents. Send for full Catalogues & Price-list.

## Fine French China and Best PORCELAIN

AT LOWEST PRICES.

Fine White Porcelain Dinner Sets, 100 pieces, \$12.00  
Fine white French China Dinner Sets, 100 p's, 22.00  
Gold-band China Tea Sets 44 p's, \$5; white, 7.00  
Richly Decorated China Tea Sets 56 p's, \$8 to 15.00  
Decorated Chamber Sets, 10 p's, \$2.75; 12 p's, 5.00  
Decorated Dinner Sets, 12 p's, 12.50  
Decorated Parlor and Brass Hanging Lamps, etc., LOW PRICES.

ALSO ALL HOUSE-FURNISHING GOODS. Catalogue & Price-List mailed free on application.

VERRINDER & CO.,

Successors to HADLEY'S,  
1-17 COOPER INSTITUTE, NEW YORK CITY.

## FORBES' CELEBRATED LIFE STUDIES of the GREAT ARMY.

The small remainder of the Edition, price \$50 per set.  
40 Engravings by the G. A. R. Exchange in Portfolios. Plate 16 by 12 inches.

We can furnish all kinds of

Military Leggings

at all prices.

The U. S. ARMY AND

NAVY and the MILITIA of

several States use our patent

Lace Fastener Leggings,

WM. H. WILEY & SON,

HARTFORD, CONN.

## PENSION JOHN W. MORRIS, Washington, D. C.

Successfully Prosecutes Claims. Late Principal Examiner U. S. Pension Bureau. 3 yrs in last war, 15 adjudicating claims, 44 since.

## FINE CHINA.

Beautifully Illustrated Catalogue of Fine China, Art Pottery, Rich Cut Glass, Wedding Gifts, &c., mailed free, upon application to  
HIGGINS & SEITER, 50 & 52 West 22d St. N. Y.

## COMPOUND OXYGEN TREATMENT.

The Rational Cure for Chronic Diseases. Office, 345 Main St., Springfield, Mass. Send for Pamphlet.



It is with great pleasure that we are able to present to our patrons COMPOUND OXYGEN in such shape that those at a distance can receive exactly the same treatment as if they were able to visit our office daily. U. S. COMPOUND OXYGEN CO., Springfield, Mass.

Catact Washing Machine Co.  
74 Cortlandt Street, New York.  
First-class machines adopted by the Medical Department of the U. S. Army.

## Photo Trading Post.

Headquarters of the Chautauque School of Photography. Publishers of *Photographic Times* and *Annual*. Manufacturers of all sorts of photographic material specially the *Waterbury*, the *Irving View*, and *Advall* cameras. Send for catalogue.

The Scovill & Adams Co.,

423 Broome St., N. Y.

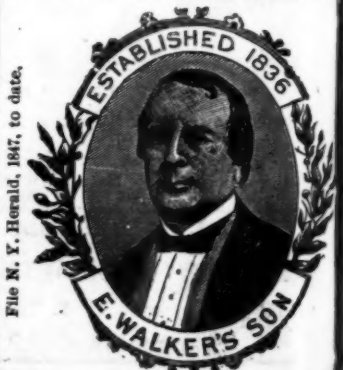
AN EXTRAORDINARY RAZOR HAS BEEN INVENTED BY THE QUEEN'S SHOWN COMPANY of England. The edge and body is so THIN and FLEXIBLE AS NEVER TO REQUIRE GRINDING and hardly ever setting. It glides over the face like velvet, making shaving a luxury. It is CREATING A GREAT EXCITEMENT in EUROPE among experts, who pronounce it PERFECTION. \$2.00 in buffalo handle; \$3.00 in ivory. Every razor, to be genuine, must bear on the reverse side the name of NATHAN JOSEPH 241 Clay Street, San Francisco, the only place in the United States where they are obtained. Trade supplied. Sent by mail, 10c extra or C. O. D.

## PHOTOGRAPH

In its Perfection (INSTANTANEOUS) NEW STUDIO NO STAIRS TO CLIMB

PACHBRO 935 BROADWAY NEW YORK

## GET YOUR BOOK-BINDING Done at the Old Establishment



HARPERS' AND ARMY AND NAVY PUBLICATIONS A SPECIALTY. Books bound to any pattern. Good work, low prices. JAS. E. WALKER, 20 Jacob St., N. Y.



# VAN HOUTEN'S COCOA

PURE,  
SOLUBLE,  
Delicious

THE STANDARD COCOA OF THE WORLD.  
A SUBSTITUTE FOR TEA & COFFEE.  
Easily Digested—Made Instantly.

HIGHEST AWARDS AT  
PRINCIPAL EXHIBITIONS.  
The Original—Take no other.

"Best & Goes Farthest—Largest Sale in the World—Once Tried, Always Used."

## ALUMINUM BRASS & MANGANESE BRONZE, For Propeller Wheels.

The Cowles Electric Smelting and Aluminum Company  
Cleveland, Ohio.

We guarantee our Aluminum Alloys and Manganese Bronze to be the strongest, most non-corrodible, best and cheapest material for propellers extant. All material subjected to the severest chemical and physical tests and brought up to Government standard before it leaves our works.

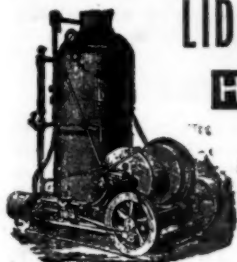
Marine Castings a Specialty.

### LIDGERWOOD MFG. CO.

MANUFACTURERS OF

#### HOISTING ENGINES

FOR  
Contractors, Pile Driving, Bridge  
and Dock Building, Excavating, &c.  
300 STYLES AND SIZES.  
OVER 6,500 IN USE.  
96 Liberty St., New York.  
34 35 WEST MONROE ST.,  
CHICAGO, ILL.  
197 TO 203 CONGRESS ST., BOSTON.



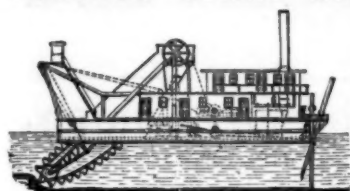
## BUCYRUS STEAM SHOVEL & DREDGE CO.,

BUCYRUS, OHIO

MAKERS OF

### Steam Dredges,

FOR  
Engineers, Contract Work,  
Harbor and River Uses,  
Canals, Slips, &c., &c.



#### STEAM DITCHING MACHINES

"I advise all parents to have their boys and girls taught shorthand writing and type-writing. A stenographer who can type-write his notes would be safer from poverty than a great Greek scholar."—CHARLES READE, on "The Coming Man."

### REMINGTON STANDARD TYPEWRITER.



For Fifteen Years the Standard, and to-day the most perfect development of the writing machine, embodying the latest and highest achievements of inventive and mechanical skill. We add to the Remington every improvement that study and capital can secure.

Wyckoff, Seamans & Benedict,  
New York.

TO MILITARY MEN AND OTHERS.

### PICKERING'S



#### "BLANCO"

For whitening all articles of Buff or Buckskin Leather, such as Military Equipments, White Helmets, Gloves, Cricket and Tennis Shoes, Hunting Thongs, Whips, and a multitude of similar articles.  
Captain Charles W. Hobbs, 34 Artillery, U. S. Army, writes us as follows:

"I very fully and gladly recommend 'Blanco' as an admirable article for whitening Helmets, Buff and Buckskin Leather Gloves and for all the uses for which it is offered."

Lieut. W. Weigel, U. S. Inf., says: "The 'Blanco' is A. 1." Sergt. H. R. Shuebel, U. S. M. C., says: "The 'Blanco' cannot be beat by White Lead or Pipe Clay either in price or quality." Sergt. G. W. Tillotson, N. G. S. N. Y., writes: "I tried it on

one of our Helmets, that was very much soiled; it brought it out very nice." Hugh Swanton says: "It is the best stuff I ever used." 35 cts. per box by mail; 15 cts. for extra moulds by mail. For sale by Military Equipment Houses or Sporting Goods dealers, or by P. HAYDEN, Sole Agent for U. S.

DEPOT QUARTERMASTER'S OFFICE.  
90 Whitehall Street, October 11, 1890.  
Sealed proposals in triplicate will be received at this office until 12 M., November 10, 1890, for dredging a channel at Fort Hamilton, New York Harbor, as shown by a map which may be seen at this office, to give a depth of eight feet at mean low tide. Proposals may be made for the work complete, or per cubic yard, measured in scoops. The Government reserves the right to reject any or all proposals. Proposals must be indorsed "Proposals for Dredging," and addressed to the Depot Quartermaster. ALEX. J. PERKY, Assistant Quartermaster-General, U. S. A.

### NEW ENGLAND MUTUAL LIFE INSURANCE COMPANY.

Post Office Square, Boston, Mass.  
Assets, Dec. 31, '89 \$20,660,562.55  
Liabilities, - - 18,104,793.66

\$2,555,768.89

Officers of the Army and Navy insured without extra premium except when engaged in actual warfare. An extra premium not paid at the assumption of the war risk does not invalidate the policy but simply becomes a lien upon it.

Liberty of residence and travel, on service in all countries, at all seasons of the year without extra charge.

Every policy has endorsed thereon the cash surrender and paid-up insurance values to which the insured is entitled by the Massachusetts Statute.

LIFE RATE ENDOWMENT Policies are issued at the old life rate premium. Annual Cash distributions are paid upon all policies.

Famiplic rates and values for any agent on application to the Company's Office. BENJ. F. STEVENS, President.

JOS. M. GIBBENS, Vice Pres.  
S. F. TRULL, Secretary.  
WM. B. TURNER, Asst. Sec.

#### INSTRUCTION.

MRS. AND MISS STEER'S SCHOOL.  
153 WEST 70TH ST., NEW YORK.  
Twenty-ninth year, October, 1890.

OHIO MILITARY ACADEMY.—FOUR courses of study; Infantry, Cavalry and Artillery drills. Beautiful and healthful location. Newly refitted. Illustrated Catalogue on application. Portsmouth, O.

THE REED SCHOOL.—MISS JULIA G. McALLISTER, Principal, succeeding Mrs. Sylvanus Reed, who continues as visitor. 27th year begins Wednesday, October 1st. 6 and 8 East 53rd Street, New York City.

The Michigan Military Academy Location 29 miles from Detroit; pleasant and healthful. Complete military discipline and thorough school work. Address Lt. F. T. VAN LIEW, 2d Inf., Adjt. Orchard Lake, Mich.

THE BROOKLYN HEIGHTS SEMINARY. Boarding and Day School for Girls. 40th year. Opens Sept. 25. Students prepared for college. Address for circulars, 138-140 Montague St., Brooklyn, N. Y.

ST. MATTHEW'S HALL, SAN MATEO, CALIFORNIA, SCHOOL FOR BOYS. Military discipline. Twenty-fourth year. Rev. ALFRED LEE BREWER, M.A. Rector.

BRYANT SCHOOL, ROSLYN, L. I.

"On old Long Island's sea-girt shore,  
Many an hour I've whiled away,  
Listening to the breakers' roar  
That washed the beach at Rockaway."

LARGE, PROGRESSIVE CORPUS OF INSTRUCTORS.

STIMULATING COURSES OF STUDY.

COLLEGE PREPARATORY, SCIENTIFIC.

MODERN LANGUAGES.

Music, Business, Letter-Writing.

FAUNA OF THE SEA STUDIED.

Good Manners, Morals and Character the First Requirement.

A LEADING AMERICAN SCHOOL.

Near New York: 25 Miles.

DAILY TRAINS AND STEAMER.

Magnificent Buildings, Extensive Grounds: Cost \$250,000.

ROMANTIC SITUATION ON A CLIFF,

Overlooking the Salt Water.

Old Oak Forests All Around.

HOME LIFE GENIAL AND REFINING;

Students Members of Principal's Family.

Not a Lesson Lost from Sickness this Year.

RECREATIONS, ROWING, SAILING,

Gymnasium, Toboggan. Illus. Catalogues.

Hempstead Institute, HEMPSTEAD,

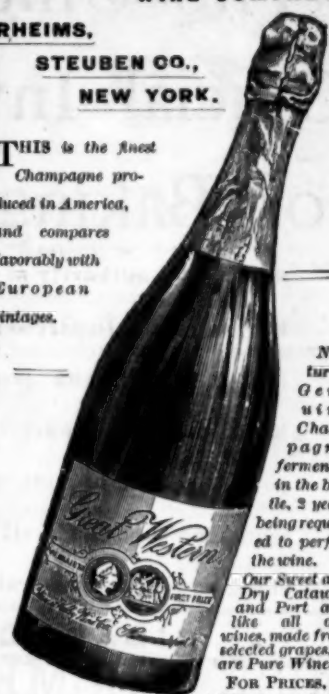
L. I. Superior Boarding School. Boys or Girls. Excellent instruction. Comfortable. \$150 to \$250, according to age. Principal.

## THE PLEASANT VALLEY WINE COMPANY.

RHEIMS.

STEBEN CO.,  
NEW YORK.

THIS is the finest  
Champagne pro-  
duced in America,  
and compares  
favorably with  
European  
vintages.



A  
Natural  
Gen-  
uine  
Cham-  
pagne,  
fermented  
in the bot-  
tle, 2 years  
being required  
to perfect  
the wine.

Our Sweet and  
Dry Catauba  
and Port are,  
like all our  
wines, made from  
selected grapes, &  
are Pure Wines.  
FOR PRICES,  
Address as above.

## Bonbons, Chocolates. NOVELTIES IN FANCY BAKEDS AND BONBONNIERS FOR PRESENTS.

863 BROADWAY, bet. 17th & 18th Sts.,  
150 BROADWAY, cor. Liberty St., N. York.  
Orders by mail receive prompt attention.

## JOSEPH GILLOTT'S STEEL PENS

GOLD MEDAL PARIS EXPOSITION 1878.  
Nos. 303-404-170-604.  
THE MOST PERFECT OF PENS.

#### HOTELS.

Grand Hotel.—Broadway & 31st St., N. Y.  
Special rates to Army and Navy Officers.  
European plan. Henry Milford Smith & Son, Pr.

Albemarle Hotel. Broadway and 24th  
St. New York. European plan.  
JANVIER & WALTER, Props.

Hotel Glenham.—155 Fifth Avenue,  
New York. European plan. Desirable sin-  
gle rooms, \$1 per day. N. B. BARRY, Prop.

#### HOTEL NORMANDIE.

Broadway and 38th Street, New York.  
European Plan with Superior Restaurant.  
Hotel first-class and Absolutely Fire Proof.  
Special attention to Army and Navy Officers.

#### EARLE'S HOTEL.

Cor. Canal and Centre Streets, New York.  
European Plan with Excellent Restaurant.  
Downtown headquarters for Army & Navy.  
Rooms \$1.00 per day and upward.

#### NORMANDIE-BY-THE-SEA.

Normandie (near Seabright), New Jersey  
Fronting on the Ocean and River.  
Open from June to September 15th.  
Estate headquarters for Army and Navy.  
FERDINAND P. EARLE, Owner & Prop.

## New Hotel Lafayette. PHILADELPHIA.

TERMS

American Plan, \$3, \$3.50 and \$4—Baths Extra  
European Plan, \$1, \$1.50 and \$2—Baths Extra  
L. U. MALBY.

## MANSION HOUSE,

Brooklyn Heights, N. Y.,

directly opposite Wall Street, New York;  
four minutes' walk from Fulton or Wall St.  
ferry and the bridge terminus; superior ac-  
commodations; reasonable rates; select fam-  
ily and transient hotel; 200 rooms.  
J. C. VAN CLEAF, Prop.

## THE EBBITT:

WASHINGTON, D. C.

ARMY AND NAVY HEADQUARTERS.

Eight Iron Fire Escapes.

BURCH & GIBBS, MANAGERS



# The United States Official Investigation of Baking Powders

Made under authority of Congress by the Chemical Bureau of the Department of Agriculture, Washington, D. C., and just completed, shows the Royal Baking Powder to be a cream of tartar powder of the highest quality, pure and wholesome, and superior to all others in strength, leavening power, and general usefulness.

## RIDABOCK & CO. DUCK HELMETS For CAMP

Standard or Extra Light Weight,  
141 GRAND STREET, NEW YORK.

## SHANNON, MILLER & CRANE, MILITARY GOODS,

EQUIPMENTS FOR  
OFFICERS OF ARMY, NAVY, NATIONAL GUARD, Etc.  
No. 46 Malden Lane, New York.

## Hatfield & Sons, TAILORS AND IMPORTERS,

239 FIFTH AVENUE, NEW YORK.  
LEADING STYLES FOR CIVILIAN DRESS AND CORRECT TASTE IN UNIFORMS.  
"LEADERS ARE FEW; FOLLOWERS MANY."

## J. H. WILSON,

928 Arch Street, Philadelphia.  
OFFICERS' SWORDS, BELTS, CAPS EMBROIDERIES, AND  
EVERYTHING FOR THE EQUIPMENT OF THE SOLDIER.  
Sole Agent for McKeever's Cartridge Box, Merriam's  
Knapsacks and Daggett's Tent-Pins.



### U. S. A.

OFFICERS' CASTOR GLOVES, by mail, \$1.50.  
BUFF NORWAY GAUNTLETS, per pair, \$2.50.  
REGULATION ARMY OFFICERS' SPURS, by mail, postpaid, \$3.50.  
REGULATION U. S. ARMY CAP, \$3.15.  
HELMETS—Line officers, \$4.50; Field and Staff officers, extra fine, complete with plume, \$18.45; White Duck, \$1.25.  
HELMET CORDS, \$6.50 and \$9.00.  
AIGUILLETES, \$6.50 and \$9.00.  
CAP CORDS, 75 cts.  
EMBROIDERED GOLD CAP ORNAMENTS, \$1.25.  
INDIGO BLUE, FLANNEL LINED, REGULATION OVERCOAT, with hood, \$25.  
REGULATION Dress Coats, \$21.60.  
Fatigue Coats, \$10.60. Trousers, \$7.20.  
Infantry Army Regulation SWORDS, \$8.55.  
Cavalry and Artillery Sabres (best), \$13.50.  
SWORD KNOTS, \$2.00.  
Dress Belt, Fine Gold Lace, \$9.00 to \$12.00.  
Dress Belt, fine GILT Lace, \$6.00.  
Shoulder Knots—best gilt wire cord: Colonel, \$7.20; Lieut. Col. and Major, \$6.75; Capt., \$6.30; 1st Lieut., \$5.85; 2d Lieut., \$5.40.  
STRAPS—best gold bullion on silver, leather backs, extra quality: Colonel, \$4.95; Lieut. Col., Major and Captain, \$4.50; 1st Lt., \$4.05; 2d Lieut., \$3.60.  
RIDING LEGGINGS, \$4.50.  
Embossed Leather.

C. W. SIMMONS & CO.,  
"Oak Hall" Boston.

## The Royal Blue Line

BETWEEN

NEW YORK AND WASHINGTON

IS OPERATED BY THE

Jersey Central, Reading  
and B. & O. R. R's

VIA

PHILADELPHIA & BALTIMORE.

The entire equipment is brand new and consists of the finest Baggage Cars, Coaches, Parlor and Sleeping Cars ever built by the Pullman Company.

The trains are vestibuled from end to end and protected by Pullman's improved

### Anti-Telescoping Device.

All the cars in all the trains are  
Heated by Steam and lighted by  
Pintsch Gas

Under devices controlled by the Safety Car Heating and Lighting Company of New York.

### NO EXTRA FARE.

Passengers occupying Parlor Car seats or Sleeping Car berths will pay the ordinary charges for same.

This is the only line running trains from New York in

### 5 HOURS TO WASHINGTON.

Ticket offices—71, 261, 415, 944, 1140 and 1333 Broadway, 737 6th Ave.; 264 W. 125th St. and 132 East 125th St.

Brooklyn, 4 Court Street, 860 Fulton Street and 98 Broadway.

Station foot Liberty Street, N. R.

## The Pratt and Whitney Comp'y,

Manufacturers of

### THE PRATT AND WHITNEY MACHINE GUN.

IMPROVED GARDNER; plants of machinery for Armories Sewing Machine Factories and every description of machine tools including small tools and fixtures for general work. Special machines and tools made to order. Catalogues sent on application.  
HARTFORD, CONN., U. S. A.

CORRUGATED FLUES

## THE CONTINENTAL IRON WORKS,

### Sole Manufacturers of CORRUGATED BOILER FLUES,

Under their own patents and those of SAMSON FOX, Leeds, England. Made in sizes from 28 in. to 60 in. diameter, with flanged or plain ends.

THOS. F. ROWLAND, Prest.

CORRUGATED FLUES

West and Calyer Sts., BROOKLYN, N. Y.

## RAND ROCK DRILLS

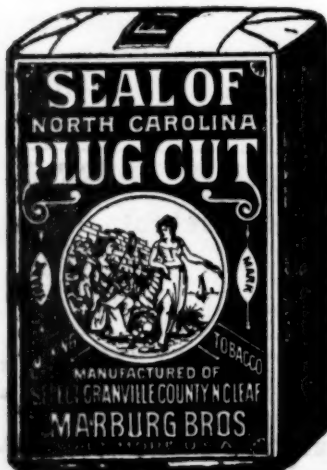
For Submarine and all kinds of Rockwork.

RAND DRILL CO., 23 Park Place, N. Y.

## RACKAROCK,

The only safe high Explosive  
Used in Flood Rock.

RENDROCK POWDER CO., 23 Park Place, N. Y.



## SEAL OF North Carolina PLUG-CUT SMOKING TOBACCO.

The undisputed leader of Plug-cut Smoking  
Tobaccos throughout the world.

The Finest Sun-Cured Tobacco  
Grown in North Carolina.

Granville County, North Carolina, is universally noted for the sweet, superior-flavored leaf produced there. When sun-cured this Tobacco is unsurpassed anywhere in the world. Tobacco, like liquor, improves with age, and by storing the sun-cured Granville County leaf for several years, we obtain the superior tobacco used in this celebrated SEAL OF NORTH CAROLINA PLUG-CUT. It is cut from the plug, and makes a cool, delicious smoke which will not bite the tongue.

Beware of imitations. The original bears our firm's name:

MARBURG BROS., Baltimore, Md., U. S. A.

## BOYLAN MANUFACTURING CO., LIMITED.

Successor to W. C. BOYLAN.

### MILITARY CLOTHIERS,

PARTICULAR ATTENTION GIVEN TO  
ARMY, NAVY, AND NATIONAL GUARD UNIFORMS,  
No. 34 Howard Street, New York.

Do you Plant Seeds? Send to D. M. Ferry & Co., Detroit, Mich., for their Seed Annual.

### Established 1857. NORDDEUTSCHER LLOYD S. S. CO.

THE SHORT ROUTE TO LONDON.  
Sailing every WEDNESDAY and SATURDAY.  
NEW YORK to SOUTHAMPTON in even to eight days, connecting there with frequent trains for LONDON, landing passengers and mail, and proceeding without further delay to BREWEN, making the run in 24 HOURS. The company's fleet consists of the following steamers:  
LAHN, Capt. Hellmers. WERRA, Capt. Fohle.  
AALB, " Christoffers. FLAVA, " Busius.  
SAALB, " Richter. EMS, " Sander.  
RHEIN, " Raup. FULDA, " Ringk.  
ELBE, " Thalenborst. SPREE, " Willgerodt.  
All fast steamers, 4,500 to 6,000 tons and 8,500 to 10,000 h. p., built of steel; of the largest and most modern type with unequalled Cuisine and Cabin accommodations, and owing to their powerful engines able to maintain high speed in nearly all weather thus arriving with great regularity. For further information apply to  
DELRICH & CO., 1 Bowling Green.

## POWDER.

("Orange Mills") Established, 1806

Orange Rifle,  
Orange Lightning,  
Orange Ducking,  
Orange Special

Military, Mining, and Blasting Powder

Electric Blasting Apparatus

Manufactured and for Sale by

LAFLIN & RAND POWDER CO.

29 Murray Street, New York.

Agencies and Magazines in all parts of the country

Send postal card for Illustrated descriptive pamphlet, showing size of grains of Powder Mailed FREE.